

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0105  
Expires August 31, 1985

MAR 26 1996

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1446 Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

SE/SW

660' FSL & 1980' FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

7.6 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5430' GR

22. APPROX. DATE WORK WILL START\*

2nd quarter 1996

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	120 sx Class G+2% CaCl+2% Gel
7 7/8	5 1/2	15.5#	TD	400 sx Hilift followed by
				330 sx Class G w/ 10% CaCl

The actual cement volumes will be calculated off of the open hole logs, plus  
15% excess.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Brad Mechem

*Brad Mechem*

TITLE Operations Manager

DATE 3/21/96

(This space for Federal or State office use)

PERMIT NO.

43-013-31630

APPROVAL DATE

APPROVED BY

*J. Matthews*

TITLE

*Petroleum Engineer*

DATE

5/29/96

CONDITIONS OF APPROVAL, IF ANY

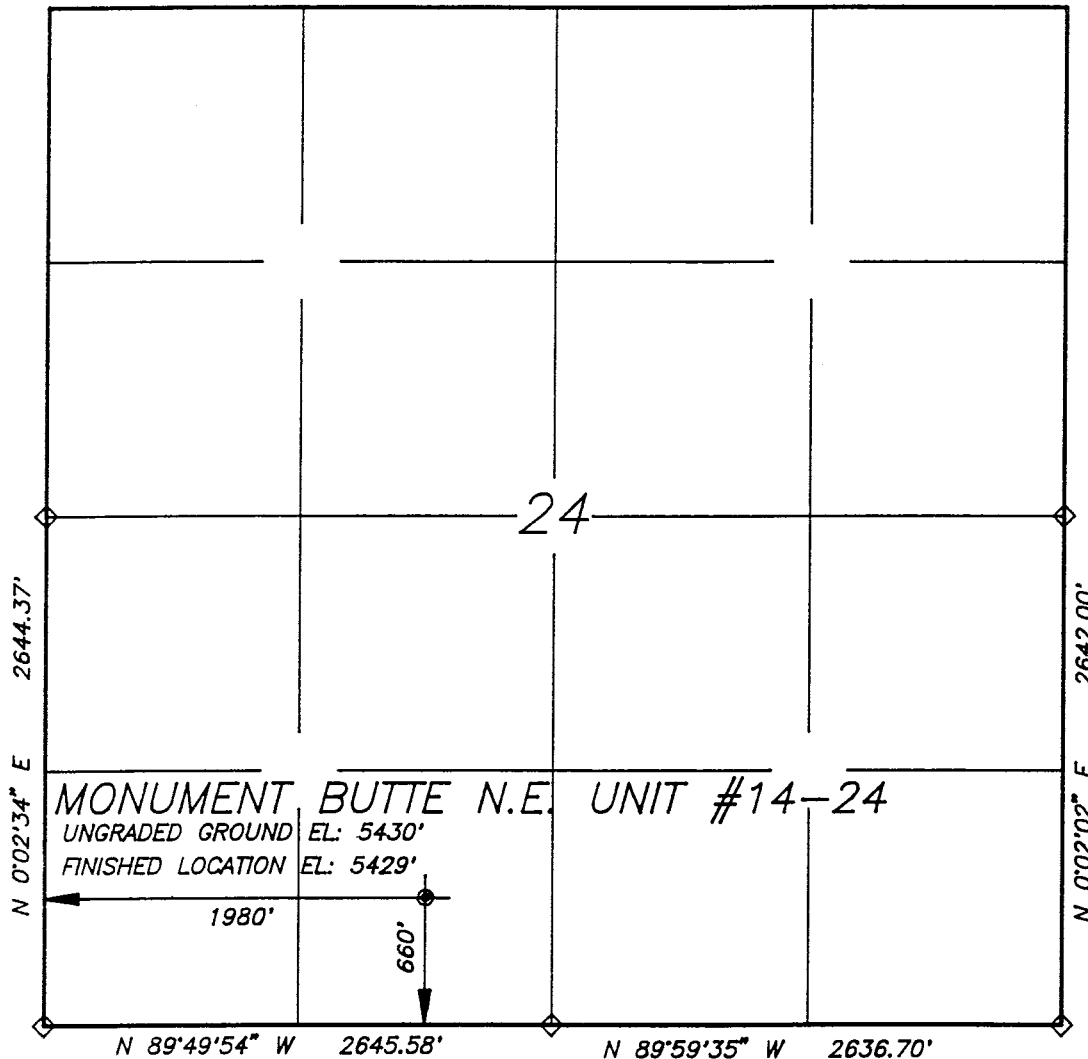
\*See Instructions On Reverse Side

INLAND PRODUCTION CO.

WELL LOCATION PLAT

MONUMENT BUTTE N.E. UNIT #14-24

LOCATED IN THE SE1/4 OF THE SW1/4  
SECTION 24, T8S, R16E, S.L.B.&M.

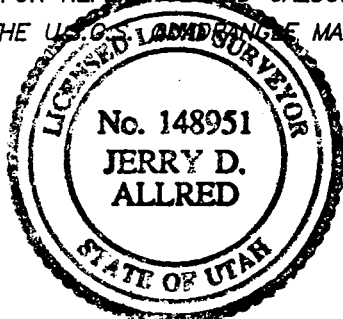


SCALE: 1" = 1000'

### LEGEND AND NOTES

- ◇ ORIGINAL CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS, AS WAS THE U.S.G.S. LAND BENCH MAP.



18 MAR 1996

84-121-055

### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

*Jerry D. Allred*  
JERRY D. ALLRED, REGISTERED LAND SURVEYOR,  
CERTIFICATE NO. 148951 (UTAH)



JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

121 NORTH CENTER STREET  
P.O. BOX 975  
DUCHESNE, UTAH 84021  
(801)-738-5352

**MONUMENT BUTTE FEDERAL NORTHEAST #14-24  
SE/SW SECTION 24, T8S, R16E  
DUCHESNE COUNTY, UTAH  
U-67170**

**HAZARDOUS MATERIAL DECLARATION**

INLAND PRODUCTION COMPANY guarantees that during the drilling & completion of the above referenced well, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986.

INLAND PRODUCTION COMPANY guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

JOHNSON WATER DISTRICT  
R.R. 3 BOX 3188  
ROOSEVELT, UT 84066  
TELEPHONE (801) 722-2620

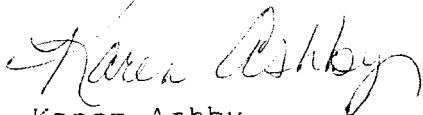
March 13, 1996

TO WHOM IT MAY CONCERN:

Inland Production Company has purchased a 3 inch water connection with Johnson Water District to supply Monument Butte oilfield.

Johnson Water District has given permission to Inland Production Company to use water from our system for the purpose of drilling and completing the Monument Butte North East 14-24, 11-24, 10-24, and 9-24.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen Ashby".

Karen Ashby,  
Secretary



**INLAND PRODUCTION COMPANY  
MONUMENT BUTTE FEDERAL NORTHEAST #14-24  
SE/SW SEC. 24, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**TEN POINT WELL PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' - 3030'
Green River	3030'
Wasatch	6500'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 3030' - 6400' - Oil

**4. PROPOSED CASING PROGRAM**

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)  
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Hydril Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

It is proposed that the well be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3000'  $\pm$  to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight @ 8.4 ppg, weighted as necessary for gas control.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Compensated Neutron-Formation Density Log. Logs will run from TD to 3500'. The cement bond log will be run from PBTD to cement top. The use of mud loggers to be determined at a later date.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence in May, 1996 and take approximately eight days to drill.

**INLAND PRODUCTION COMPANY  
MONUMENT BUTTE FEDERAL NORTHEAST #14-24  
SE/SW SECTION 24, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Monument Butte Federal North East #14-24 located in the SE 1/4 SW 1/4 Section 24, T8S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 7.4 miles to the junction with an existing dirt road to the southwest; proceed .2 miles to the beginning of the access road to be discussed in item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the SW1/4 SE1/4 Section 24, T8S, R16E, S.L.B. & M., and proceeds in a southwesterly direction approximately 2600' to its intersection with the proposed access road; proceed westerly 1300'  $\pm$ , to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

There are four (4) producing, Inland Production wells, and one (1) unknown P&A well, within a one (1) mile radius. See Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specification.

All permanent (on site for six (6) months or longer) structures constructed or installed (including pumping units) will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

At the present time, it is anticipated that the water for this well will be trucked from our pre-approved Inland Production Company water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E) location, as indicated on Topographic Map - Exhibit "C".

In the event this water source is not used an alternate source will be used and all the necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

A small reserve pit will be constructed from native soil and clay materials. However, in a departure from conventional oilfield practice, the volume and duration of fluid occupying this pit will be minimal. By applying currently available technology, a water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the wellbore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. Furthermore, all drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood supply for reinjection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this as a permanent disposal method.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the north side between stakes 5 & 6.

There will be no flare pit on this location.

The stockpiled topsoil (first six (6) inches) will be windrowed on the south side, between stakes 2 & 8.

Access to the well pad will be from the southeast corner between stakes 7 & 8.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

## MONUMENT BUTTE FEDERAL NORTHEAST #14-24

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be not more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

### 10. PLANS FOR RESTORATION OF SURFACE

#### a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

#### b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

### 11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Cultural Resource Survey will be submitted, as soon as it becomes available.

*Additional Surface Stipulations*

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham  
Address: P.O. Box 1446 Roosevelt, Utah 84066  
Telephone: (801) 722-5103

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #14-24 SE/SW Section 24, Township 8S, Range 16E: Lease #U-67170 ; Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

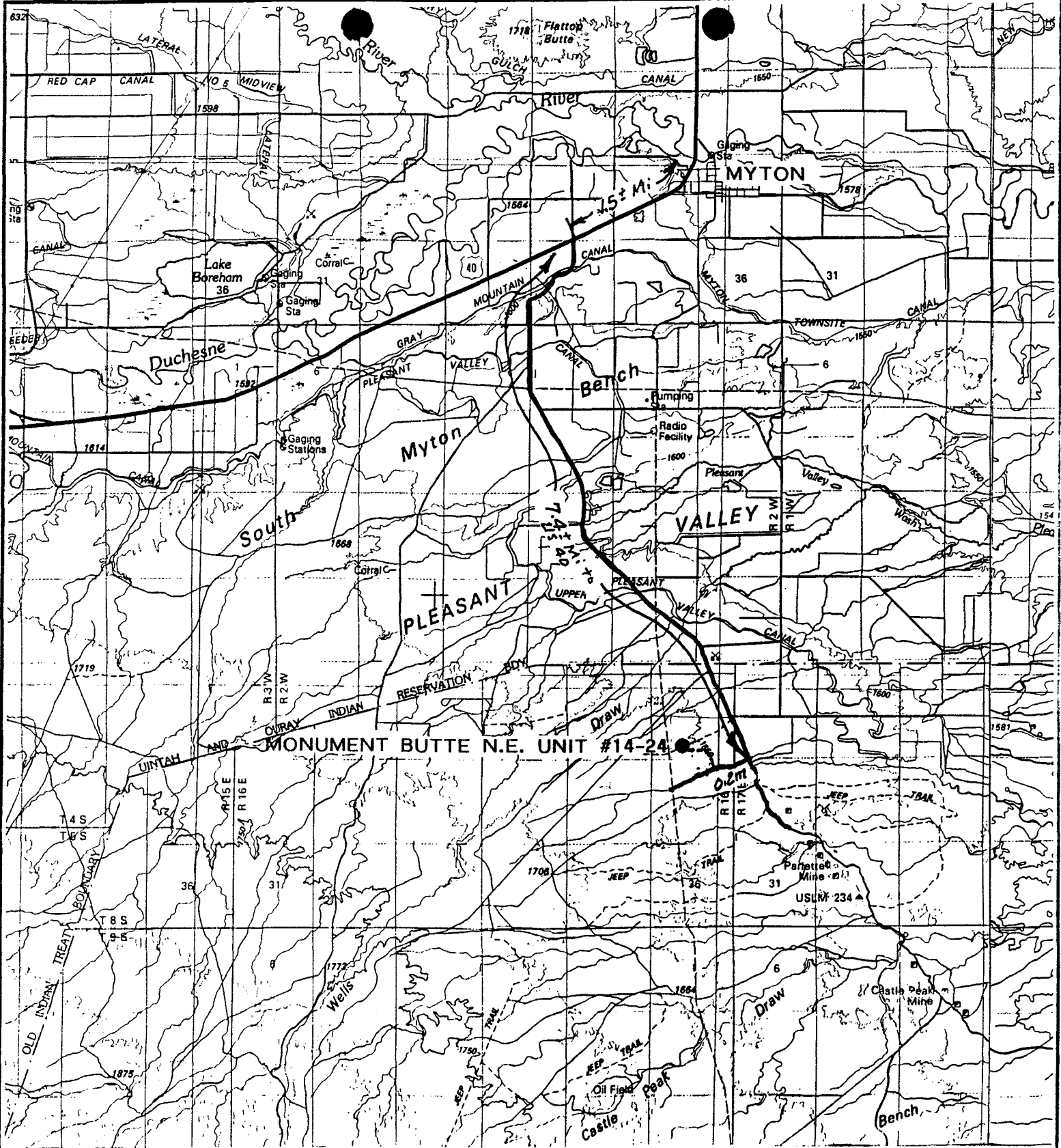
3-22-96

Date

Brad Mecham

Brad Mecham  
Operations Manager





TOPOGRAPHIC  
MAP "A"

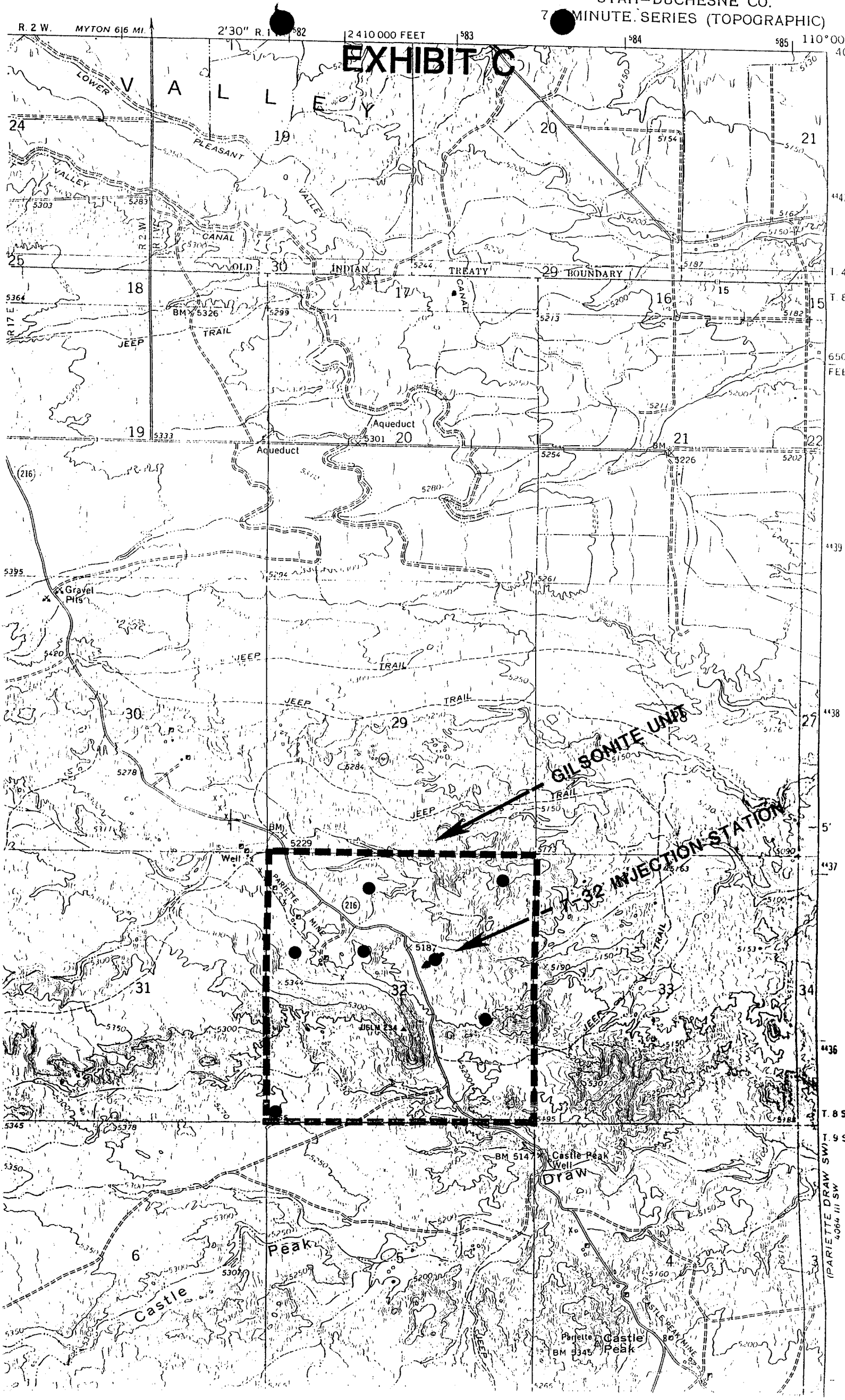


**INLAND PRODUCTION COMPANY**

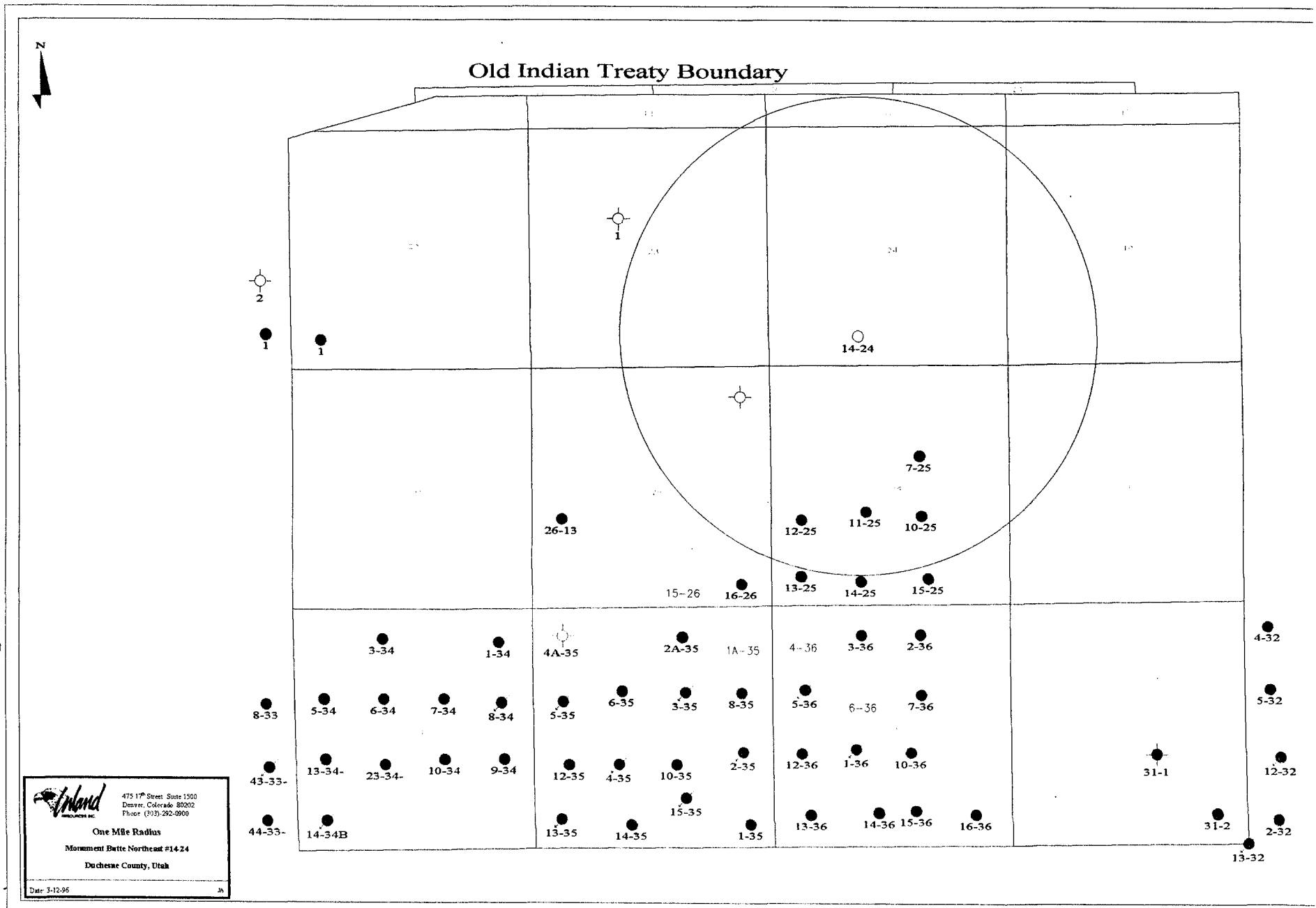
MONUMENT BUTTE N.E. UNIT #14-24  
SECTION 24, T8S, R16E, S.L.B.&M.

19 Mar '96 84-121-055



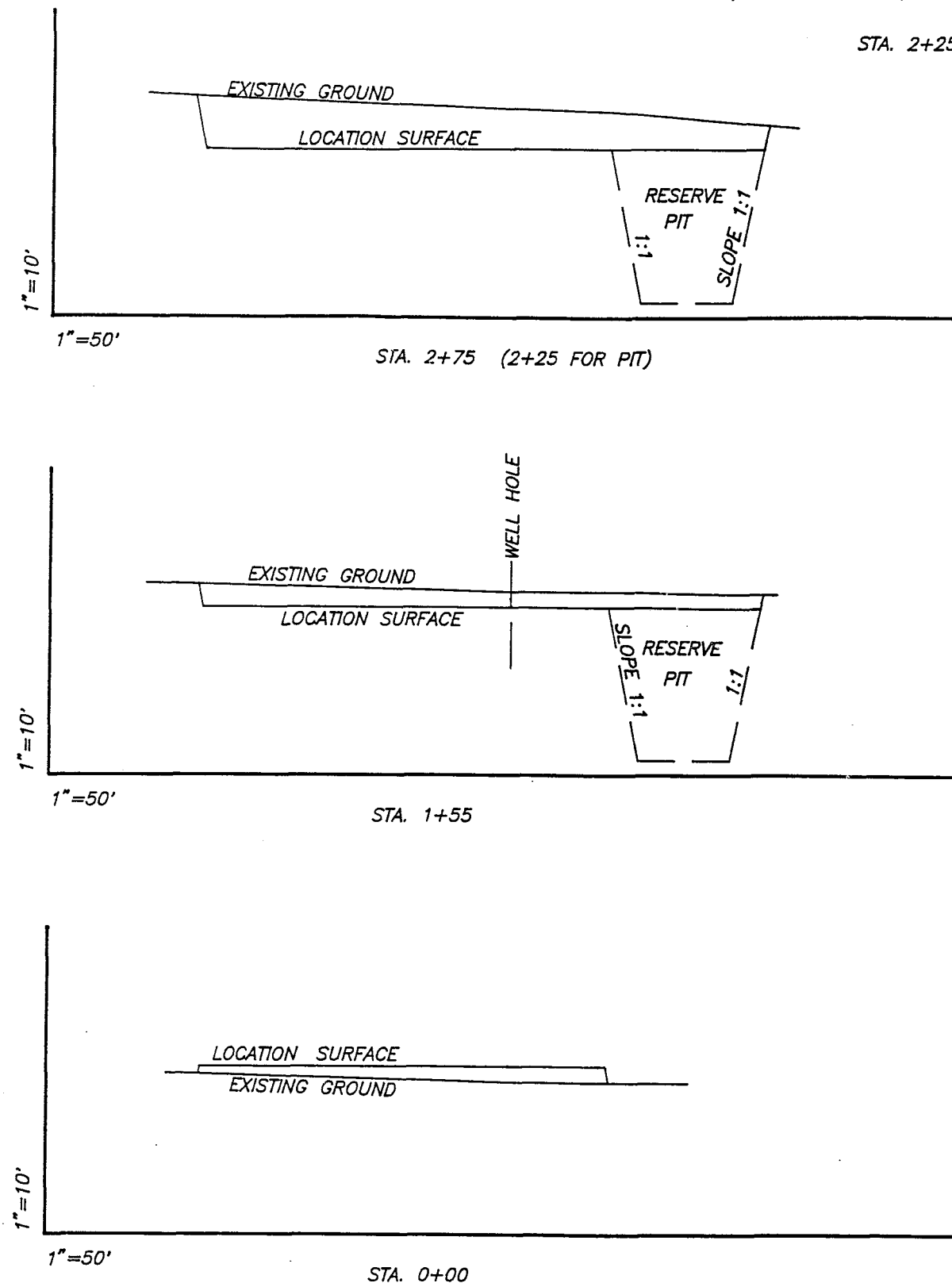
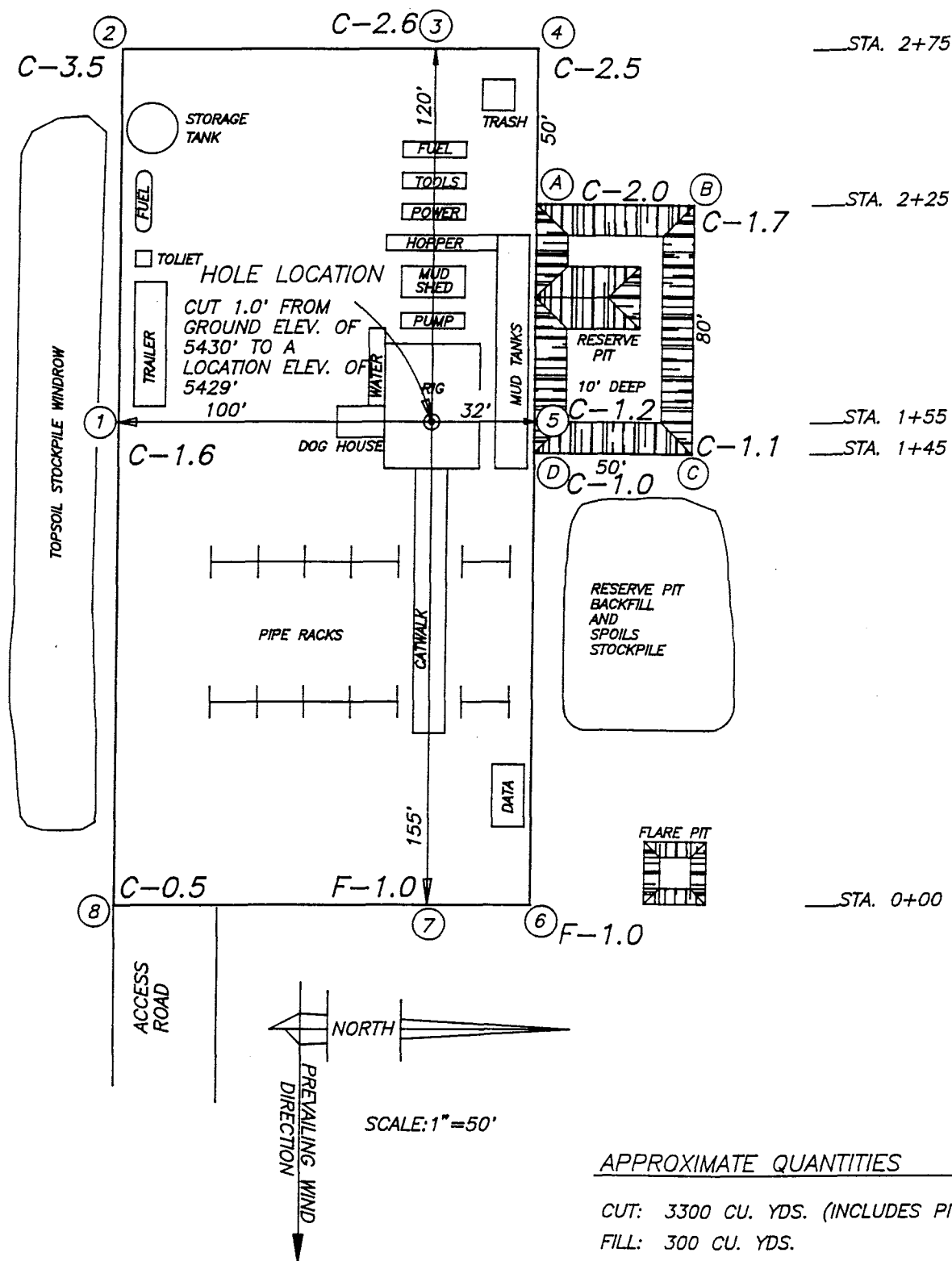


# EXHIBIT "D"



# INLAND PRODUCTION CO. WELL LAYOUT PLAT MONUMENT BUTTE N.E. UNIT #14-24

LOCATED IN THE SE1/4 OF THE SW1/4 OF SECTION 24,  
TOWNSHIP 8 SOUTH, RANGE 16 EAST, S.L.B.&M.



JERRY D. ALLRED AND ASSOCIATES  
Surveying and Engineering Consultants

121 NORTH CENTER STREET  
P.O. BOX 975  
DUCHESTER, UTAH 84021  
(801) 738-5352

RAM TYPE B.O.P.

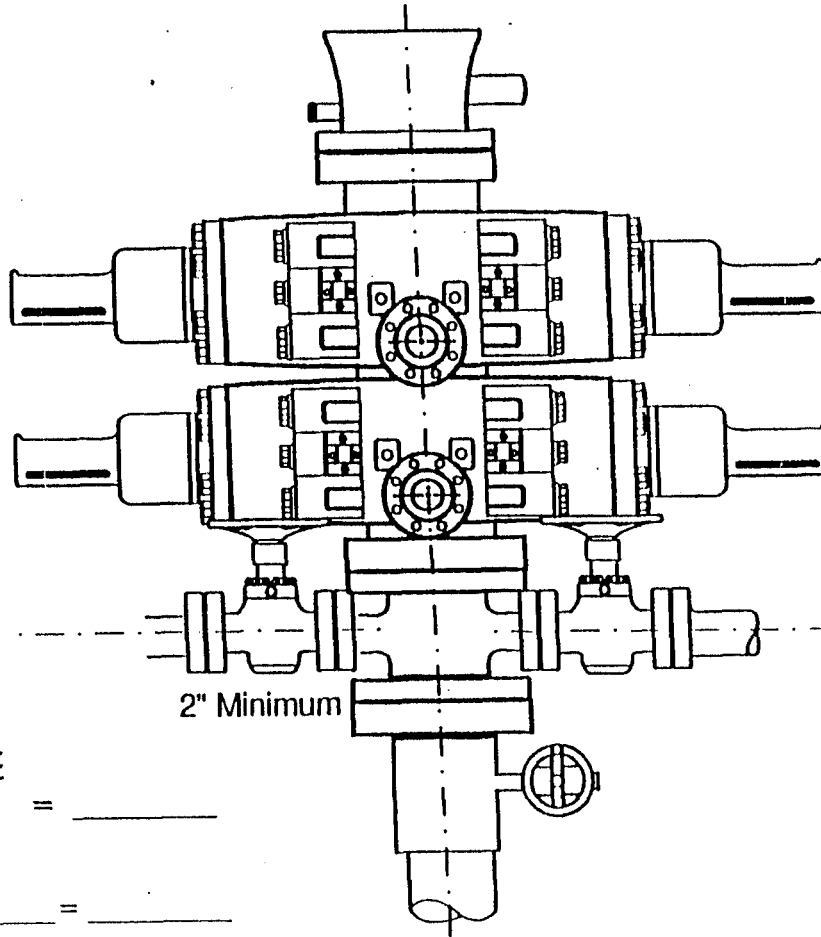
Make:

Size:

Model:

# 2-M SYSTEM

EXHIBIT F



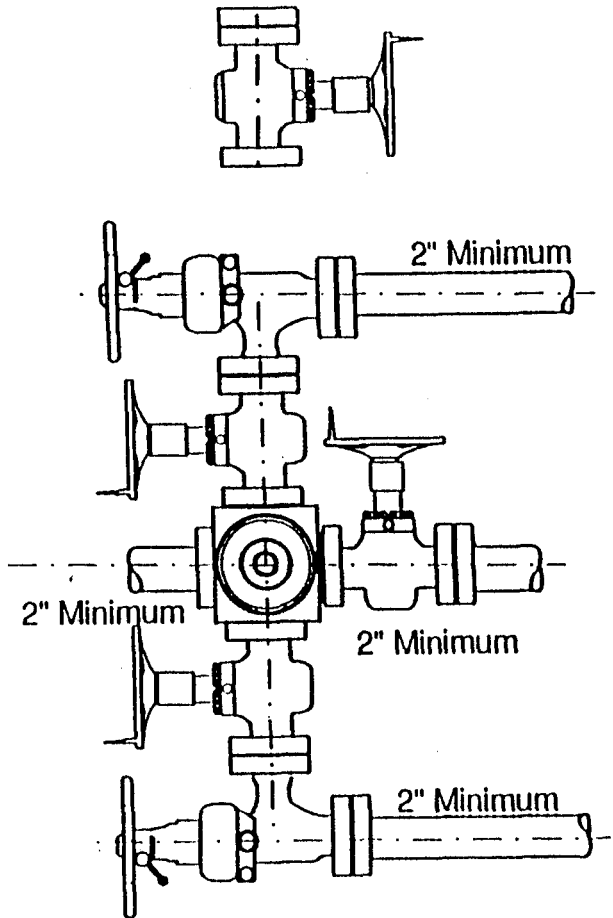
GAL TO CLOSE

Annular BOP = \_\_\_\_\_

Ramtype BOP  
 \_\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_

= \_\_\_\_\_ Gal.

\_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.



Rounding off to the next higher  
 increment of 10 gal. would require  
 \_\_\_\_\_ Gal. (total fluid & nitro volume)

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/26/96

API NO. ASSIGNED: 43-013-31630

WELL NAME: MONUMENT BUTTE FEDERAL 14-24  
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

SESW 24 - T08S - R16E  
SURFACE: 0660-FSL-1980-FWL  
BOTTOM: 0660-FSL-1980-FWL  
DUCHESNE COUNTY  
UNDESIGNATED FIELD (002)

LEASE TYPE: FED  
LEASE NUMBER: U - 67170

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal ☒ State ☐ Fee ☐  
(Number 4488944)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number FIELD INJECTION WELL)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
☒ R649-3-2. General.  
\_\_\_ R649-3-3. Exception.  
\_\_\_ Drilling Unit.  
\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**STATE OF UTAH, DIV OF OIL, GAS & MINERALS**

<b>Operator: INLAND PRODUCTION CO</b>	<b>Well Name: MON BUTTE FED 14-24</b>
<b>Project ID: 43-013-31630</b>	<b>Location: SEC. 24 - T08S - R16E</b>

**Design Parameters:**

Mud weight ( 8.40 ppg) : 0.436 psi/ft  
 Shut in surface pressure : 2396 psi  
 Internal gradient (burst) : 0.068 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

**Design Factors:**

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,500	5.500	15.50	J-55	LT&C	6,500	4.825	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2836	4040	1.425	2836	4810	1.70	100.75	217 2.15 J

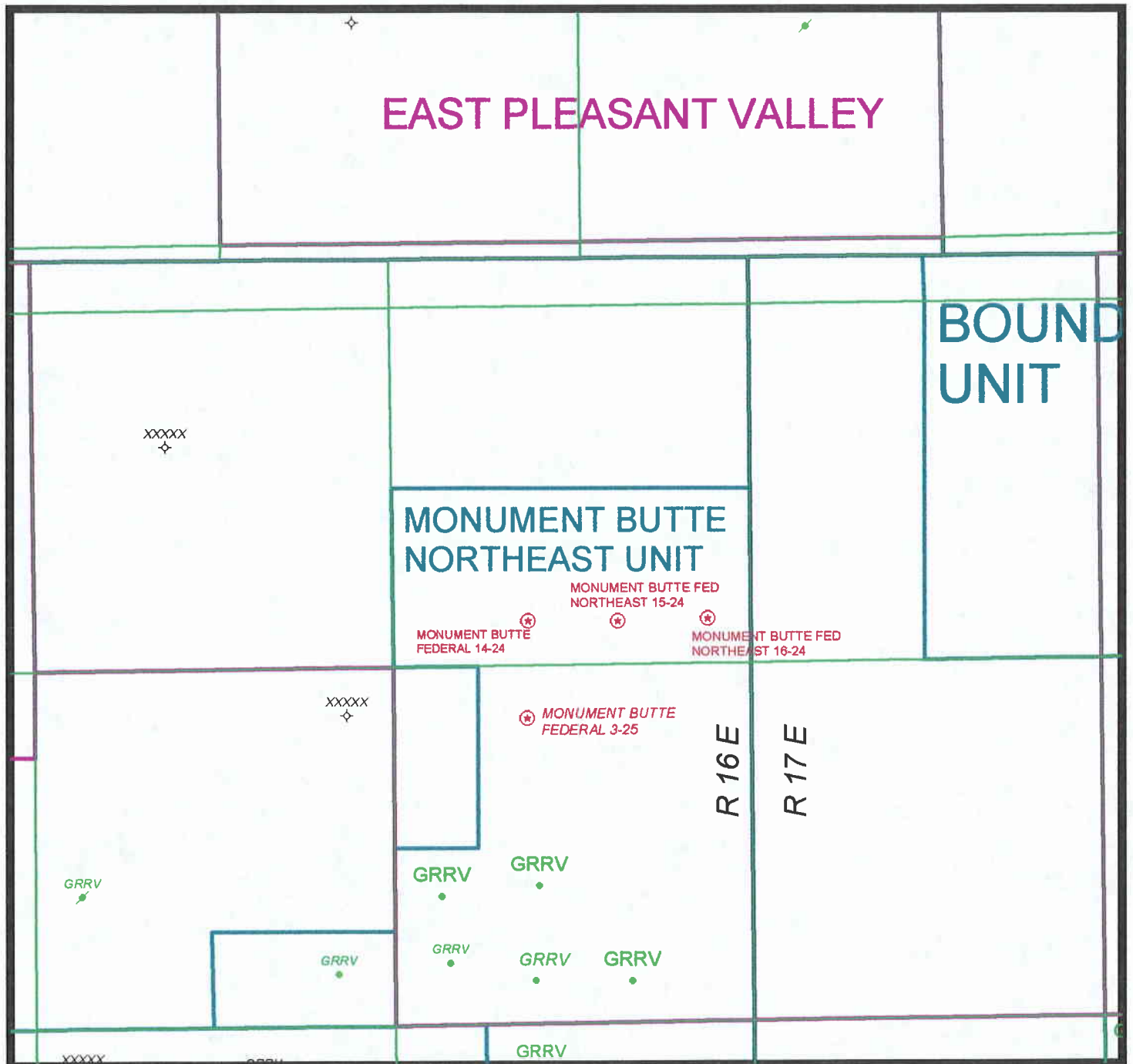
Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 05-29-1996  
 Remarks :

Minimum segment length for the 6,500 foot well is 1,500 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 119°F (Surface 74°F , BHT 165°F & temp. gradient 1.400°/100 ft.)  
 String type: Production  
 The mud gradient and bottom hole pressures (for burst) are 0.436 psi/ft and 2,836 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.07)



**INLAND PRODUCTION  
DEVELOPMENT DRILLING  
SEC. 24, T8S, R16E  
DUCHESNE, COUNTY R649-3-2**



**PREPARED:  
DATE: 27-MAR-96**

**EQUIPMENT INVENTORY**  
**UTAH DIVISION OF OIL, GAS AND MINING**  
**STATE OF UTAH**

Operator: INLAND PRODUCTION Lease: State: \_\_\_\_\_ Federal: Y Indian: \_\_\_\_\_ Fee: \_\_\_\_\_

Well Name: MON BUTTE FEDERAL #14-24 API Number: 43-013-31630

Section: 24 Township: 28 Range: 16E County: BUCHESNE Field: MON BUTTE

Well Status: POW Well Type: Oil: YES Gas: \_\_\_\_\_

**PRODUCTION LEASE EQUIPMENT: (NUMBER)**

Boiler(s): N Compressor(s): N Separator(s): N Dehydrator(s): N

Shed(s): N Line Heater(s): (1) Heated Separator(s): N VRU: N

Heater Treater(s): (1)

**PUMPS:**

Triplex: \_\_\_\_\_ Chemical: \_\_\_\_\_ Centrifugal: (1)

**LIFT METHOD:**

Pumpjack: YES Hydraulic: \_\_\_\_\_ Submersible: \_\_\_\_\_ Flowing: \_\_\_\_\_

**GAS EQUIPMENT: (NUMBER)**

Purchase Meter: NO Sales Meter: YES

**TANKS:**

**NUMBER**

**SIZE**

Oil Storage Tank(s): YES 2-400 OIL 22LS

Water Tank(s): YES 1-200 WATER 22LS

Power Water Tank: \_\_\_\_\_ 22LS

Condensate Tank(s): \_\_\_\_\_ 22LS

Propane Tank: \_\_\_\_\_

**Central Battery Location: (IF APPLICABLE)**

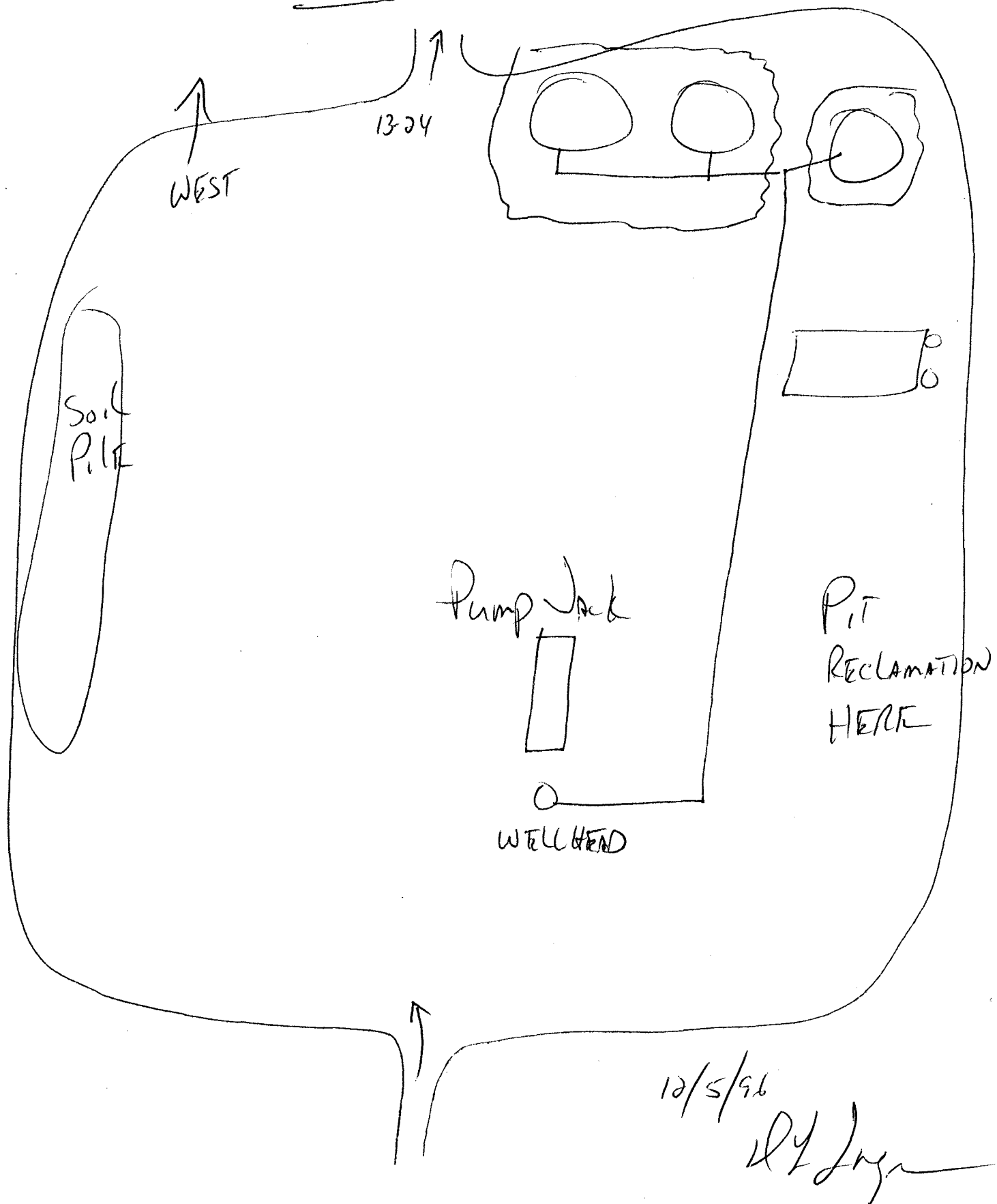
Qtr/Qtr: N/A Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

**REMARKS:** EQUIPMENT RUNNING ON RESIDUE GAS METERED OFF LEASE. CENTRIFUGAL  
PUMP IS BELT DRIVEN FOR HEAT TRACE. HEATER TREATER/LINER HEATER COMBO, 2  
FIRE BOXES. BARTON METER WITH 3/4 ORIFICE.

Inspector: GENNIS L INGRAM Date: 12/5/86

INLAND PRODUCTION CO  
MON BUTTE FED #14-24  
SEC 24; T8S; R16E  
POW

U-67170  
43-013-31630



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1446 Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

SE/SW

At proposed prod. zone

660' FSL & 1980' FWL

43.013.31630

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

7.6 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

960

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5430' GR

22. APPROX. DATE WORK WILL START\*

2nd quarter 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	120 sx Class G+2% CaCl+2% Gel
7 7/8	5 1/2	15.5#	TD	400 sx Hilift followed by
				330 sx Class G w/ 10% CaCl

The actual cement volumes will be calculated off of the open hole logs, plus  
15% excess.

RECEIVED  
MAR 26 1996

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Brad Mecham

Brad Mecham

TITLE Operations Manager

DATE 3/21/96

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

Acting  
ASSISTANT DISTRICT  
MANAGER MINERALS

DATE

APR 29 1996

CONDITIONS OF APPROVAL, IF ANY

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

47080-6M-090

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Monument Butte Fed. 14-24

API Number: 43-013-31630

Lease Number: U-67170

Location: SESW Sec. 24 T. 8S R. 16E

**NOTIFICATION REQUIREMENTS**

- |                                 |   |   |
|---------------------------------|---|---|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion             | - | prior to moving on the drilling rig.  |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.   |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice         | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone identified at  $\pm 445$  ft. or by setting the surface casing at  $\pm 495$  ft. and have a cement top for the production casing at least 200 ft. above the Mahogany Oil Shale, identified at  $\pm 3128$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 2928$  ft. if the surface casing is set at  $\pm 495$  ft. or it will be run to  $\pm 245$  ft. if the surface casing is set at  $\pm 300$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.



Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert           (801) 789-4170  
Petroleum Engineer

Ed Forsman             (801) 789-7077  
Petroleum Engineer

Jerry Kenczka          (801) 789-1190  
Petroleum Engineer

BLM FAX Machine       (801) 781-4410

### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**CONDITIONS OF APPROVAL**  
**FOR THE SURFACE USE PROGRAM OF THE**  
**APPLICATION FOR PERMIT TO DRILL**

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

-All vehicle travel will be confined to existing access road rights-of-way.

-No surface disturbing activities, construction, or drilling operations, including the initial completion activities, are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this Condition of Approval may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

May 29, 1996

Inland Production Company  
P.O. Box 1446  
Roosevelt, Utah 84066

Re: Monument Butte Federal 14-24 Well, 660' FSL, 1980' FWL,  
SE SW, Sec. 24, T. 8 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31630.

Sincerely,

R. J. Firth  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

WAPD

Operator: Inland Production Company  
Well Name & Number: Monument Butte Federal 14-24  
API Number: 43-013-31630  
Lease: U-67170  
Location: SE SW Sec. 24 T. 8 S. R. 16 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SE/SW 660' FSL & 1980' FWL  
Sec. 24, T8S, R16E**

5. Lease Designation and Serial No.

**U-67170**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Monument Butte Federal 14-24**

9. API Well No.

**43-013-31630**

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**Duchesne County, Utah**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Spud Notification**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**Drilled 12 1/4" hole w/ Leon Ross Rathole Rig to 303'.  
Set 306.30' of 8 5/8" csg. Drilled mouse & rat hole.**

**SPUD 5/22/96**

14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**

Title **Regulatory Compliance Specialist**

Date **5/28/96**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company  
ADDRESS P.O. Box 1446  
Roosevelt, Utah 84066

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	11930	43-013-31630	Monument Butte Federal #14-24	SESW	24	8S	16E	Duchesne	5/22/96	5/22/96
WELL 1 COMMENTS: Entity added 6-4-96. Yec											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)  
 A - Establish new entity for new well (single well only)  
 B - Add new well to existing entity (group or unit well)  
 C - Re-assign well from one existing entity to another existing entity  
 D - Re-assign well from one existing entity to a new entity  
 E - Other (explain in comments section)

NOTE: Use COMMENTS section to explain why each Action Code was selected.

10/80

  
Signature Cheryl Cameron

Regulatory Compliance Spec 5/28/96  
Title Date

Phone No. (801) 722-5103





May 29, 1996

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
Three Triad Center Suite 350  
Salt Lake City Utah 84180-1203

**ATTENTION: Lisha Cordova**

RE: Monument Butte Federal #14-24  
SE/SW Sec. 24, T8S, R16E  
Duchesne County, Utah

Dear Lisha,

I am faxing Entity Action Form - 6, for the new Entity No., on the above referenced location.

Please call me at your convenience, with the new numbers at (801) 722-5103.

Sincerely,

Cheryl Cameron  
Regulatory Compliance Specialist

/cc  
Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

**U-67170**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**Monument Butte**

8. Well Name and No.

**Mon. Butte Federal 14-24**

9. API Well No.

**43-013-31630**

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**Duchesne County, Utah**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SE/SW 660' FSL & 1980' FWL  
Sec. 24, T8S, R16E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Weekly Status**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**Weekly Status Report for Week of 5/28/96 - 6/3/96:**

**Drilled 7 7/8" hole w/ Kenting Apollo, Rig #59 from 303'-6289'.  
Run 6288.61'KB of 5 1/2" 15.5# J-55 csg. Cmt w/ 330 sx Hifill  
& 390 sx Thixo w/ 10% Calseal.**

14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**

Title **Regulatory Compliance Specialist** Date **6/4/96**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-67170

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Monument Butte

8. Well Name and No.  
Monument Butte Federal  
#14-24

9. API Well No.

43-013-31630

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Duchesne County, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SW 660' FSL & 1980' FWL  
Sec. 24, T8S, R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
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TYPE OF ACTION

- ☐ Abandonment  
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☐ Casing Repair  
☐ Altering Casing  
☒ Other Weekly Status

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WEEKLY STATUS REPORT FOR WEEK OF 7/22/96 - 7/30/96:

Perf C sd @ 5385'-5387', 5388'-5392', 5394'-5396'  
Perf D-3 sd @ 5288'-5302' & D-1 sd @ 5202'-5204', 5208'-5210'  
Perf XY/DC sd @ 5072'-5080'  
Perf GB-6 sd @ 4711'-4714', 4720'-4728'

14. I hereby certify that the foregoing is true and correct

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 8/2/96

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

*SUBMIT IN TRIPLICATE*

## 1. Type of Well



Oil Well



Gas well



Other

## 2. Name of Operator

**Inland Production Company**

## 3. Address and Telephone No.

**P.O. Box 1446 Roosevelt, Utah 84066 (801)722-5103**

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SE/SW 660' FSL & 1980' FWL  
Sec. 24, T8S, R16E**

## 5. Lease Designation and Serial No.

**U-67170**

## 6. If Indian, Allottee or Tribe Name

## 7. If unit or CA, Agreement Designation

## 8. Well Name and No.

**Mon. Butte Federal #14-24**

## 9. API Well No.

**43-013-31630**

## 10. Field and Pool or Exploratory Area

**Monument Butte**

## 11. County or Parish, State

**Duchesne County, Utah**

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

## TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing repair



Altering Casing

Other Weekly Status

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**WEEKLY STATUS REPORT FOR WEEK OF 7/31/96 - 8/3/96:****RIH w/ production string****ON PRODUCTION 8/3/96**

14. I hereby certify that the foregoing is true and correct

Signed

**Cheryl Cameron**Title **Regulatory Compliance Specialist**Date **8/12/96**

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

u-67170

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
Monument Butte Fed # 14-24

9. API WELL NO.

43-013-31630

10. FIELD AND TOOL, OR WILDCAT

Monument Butte

11. SEC. T. R. M. ON BLOCK AND SURVEY OR AREA

Sec. 24, T8S, R16E

12. COUNTY OR PARISH  
Duchesne13. STATE  
Utah

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Inland Production Co.

3. ADDRESS AND TELEPHONE NO.

P.O. Box 1446 Roosevelt, Utah 84066 (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface SE/SW

At top prod. interval reported below 660' FSL &amp; 1980' FWL

At total depth

14. PERMIT NO.

43-013-31630

DATE ISSUED

5/29/96

15. DATE SPUDDED  
5/22/9616. DATE T.D. REACHED  
6/2/9617. DATE COMPL. (Ready to prod.)  
8/3/9618. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
5430' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
6320'21. PLUG. BACK T.D., MD & TVD  
6242'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5385'-5387', 5388'-5392', 5394'-5396', 5288'-5302', 5202'-5204', 5208'-5210',  
5072'-5080', 4711'-4714', 4720'-4728'

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, CNL, DLL

27. WAS WELL CORED

NO

## CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	302.1 GL	12 1/4	120 sx perm w/ 2% CC, 2% flocele & 50 sx prem. +	1 1/4#/sk
5 1/2	15.5 #	6288.61 KB	7 7/8	330 sx Hifill & 390sx Thixo w/ 10% Calseal	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

## 31. PERFORATION RECORD (Interval, size and number)

C sd 5385'-5387', 5388'-5392', 5394'-5396'  
D-3 sd 5288'-5302' D-1 sd 5202'-5204',  
5208'-5210'

XY/DC sd 5072'-5080'

GB -6 sd 4711'-4714', 4720'-4728'

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
see back	

## 33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
8/3/96		Pumping- 2 1/2"x 1 1/2"x15' RHAC pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3 WK AVG	8/96	N/A	→	76	96	11	1.3
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold &amp; used of fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs in item # 26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Cheryl Cameron

TITLE

Regulatory  
Compliance Specialist

DATE 9/10/96

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
Douglas Creek		5246'		#32			
D		5326'		Squeeze D-2 Perfs 5336'-5344', 5363'-5366'			
C		5440'		w/ 50 sx Class H cmt			
B		5655'					
A		5722'		Perf A& LDC sd 5814'-5823', 5832'-5839',			
Lower Douglas CK		5810'		5853'-5864'			
Black Slate Facies		6068'		Frac w/ 73,100# 20/40 sd in 382 Bbls gel			
Base Green River		6538'					
Wasatch Trans.		6668'		Perf C sd 5447'-5456'			
				Frac si thur TBGw/ 8,600# 20/40 sd in 76 bbls gel			
				Perf D sd 5274'-5282', 5284'-5287',			
				5290'-5292', 5295'-5297'			
				Frac w/ 8000# 20/40 sd in 63 bbls gel			
				Perf GB-6 4714'-4718', 4726'-4733'			
				4750'-4754'			
				Frac w/ 70,400# 20/40 sd in 357 bbls gel			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-67170**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**MONUMENT BUTTE FEDERAL 14-24**

9. API Well No.

**43-013-31630**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well



Oil  
Well



Gas  
Well



Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**0660 FSL 1980 FWL**

**SE/SW Section 24, T08S R16E**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**



Notice of Intent



Subsequent Report



Final Abandonment Notice



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

Site Security



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection

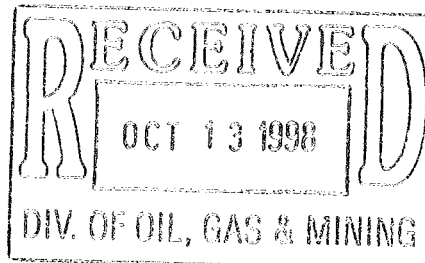


Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Lillian E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

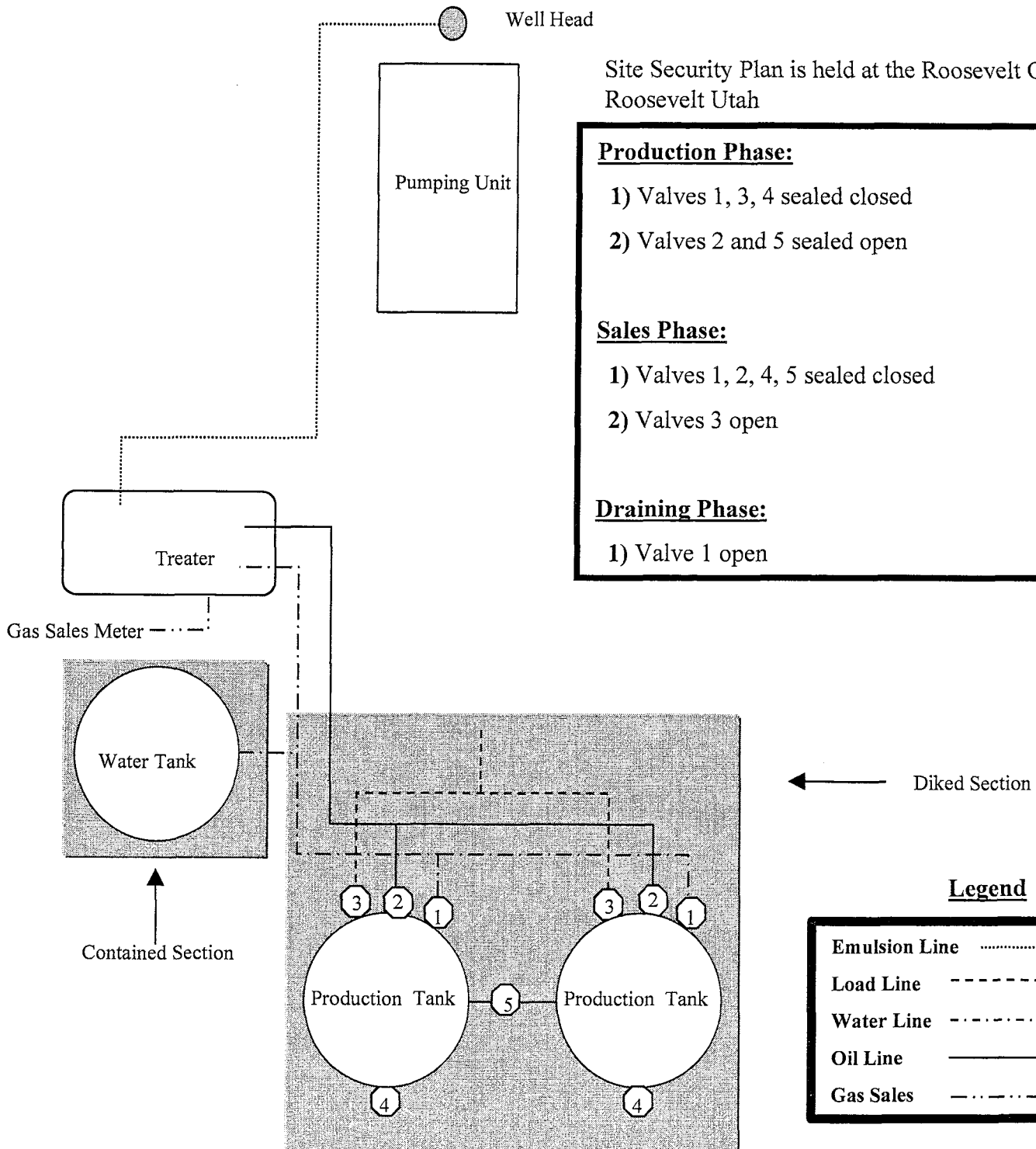
# Inland Production Company Site Facility Diagram

Monument Butte 14-24

SE/SW Sec. 24, T8S, 16E

Duchesne County

May 12, 1998



Site Security Plan is held at the Roosevelt Office,  
Roosevelt Utah

## Production Phase:

- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

## Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

## Draining Phase:

- 1) Valve 1 open





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

## 1. GLH

## 2. CDW

### 3. FILE

Designation of Agent/Operator

## X Operator Name Change

## Merger

9/1/2004

**FROM:** (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO:** ( New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.

Unit:

**WELL(S)**

[illegible]

## OPERATOR CHANGES DOCUMENTATION

**Enter date after each listed item is completed**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

NEWFIELD PRODUCTION COMPANY  
RT. 3 BOX 3630  
MYTON, UT 84052

ENTITY ACTION FORM  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

OPERATOR ACCT NO: N2695

ACTIN CODE	CRRNT ENTITY	NEW ENTITY	API NUMBER	WELL	QQ	SEC	TWN	RNG	REASON	EFFECTIVE
D	14648	15150	4301332359	FEDERAL 9-24-8-16	NENSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	99998	15150	4301331633	MONUMENT BUTTE FED NE 11-24	NESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	12293	15150	4301331990	MBFNE 11-24-8-16	NESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	14611	15150	4301332366	FEDERAL 10-24-8-16	NWSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	12244	15150	4301331923	MBFNE 12-24	NWSW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11907	15150	4301331629	MONUMENT BUTTE FED NE 16-24	SESE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11930	15150	4301331630	MONUMENT BUTTE FED 14-24	SESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11912	15150	4301331628	MON BUTTE FED NE 15-24	SWSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11984	15150	4301331653	MON BUTTE FED NE 13-24	SWSW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11884	15150	4301331608	MON BUTTE FED 1-25(I)	NENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11881	15150	4301331601	MONUMENT BUTTE FED 8-25	SENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11887	15150	4301331604	MONUMENT BUTTE FED 2-25	NWNE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11873	15150	4301331561	MON BUTTE FED 7-25	SWNE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11882	15150	4301331596	MONUMENT BUTTE FED 6-25	SENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11922	15150	4301331605	MON BUTTE FED 3-25	NENW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11897	15150	4301331600	MON BUTTE FED 9-25	NESE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11874	15150	4301331562	MONUMENT BUTTE FED 10-25	NWSE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11899	15150	4301331597	MONUMENT BUTTE FED 16-25	SESE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11847	15150	4301331559	MON BUTTE FED 15-25	SWSE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11840	15150	4301331554	MONUMENT BUTTE FED 12-25	NWSW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11841	15150	4301331553	MON BUTTE FED 11-25	NESW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11805	15150	4301331531	MONUMENT BUTTE FED 14-25	SESW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11786	15150	4301331513	MON BUTTE FED 13-25	SWSW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11900	15150	4301331502	MON BUTTE FED 15-26	SWSE	26	8S	16E	Monument Butte North East EOR	1/1/2006
D	11814	15150	4301331517	MONUMENT BUTTE FED 16-26	SESE	26	8S	16E	Monument Butte North East EOR	1/1/2006

new entity assigned 1/31/06  
ER, DOGM

RECEIVED  
JAN 25 2006

KIM KETTLE  
PRODUCTION CLERK 1/25/2006

DIV. OF OIL, GAS & MINING



February 13, 2008

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Monument Butte Fed#14-24-8-16  
Monument Butte Field, Lease #UTU-67170  
Section 24-Township 8S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Butte Fed#14-24-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal line extending from the end.

Eric Sundberg  
Regulatory Analyst

**RECEIVED**  
**FEB 28 2008**  
**DIV. OF OIL, GAS & MINING**



**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**MONUMENT BUTTE FED#14-24-8-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER)**

**LEASE #UTU-67170**

**February 13, 2008**

**RECEIVED**  
**FEB 28 2008**  
**DIV. OF OIL, GAS & MINING**


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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1401 17th Street, Suite 1000  
Denver, Colorado 80202

Well Name and number: <u>Monument Butte Fed 14-24-8-16</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-67170</u>
Well Location: QQ <u>SE/SW</u> section <u>24</u> township <u>8S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]	
Will the proposed well be used for:	
Enhanced Recovery? ..... Yes [ X ] No [ ]	
Disposal? ..... Yes [ ] No [ X ]	
Storage? ..... Yes [ ] No [ X ]	
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]	
If this application is for an existing well,	
has a casing test been performed on the well? ..... Yes [ ] No [ X ]	
Date of test: _____	
API number: <u>43-013-31630</u>	
Proposed injection interval: from <u>4473</u> to <u>6288</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>2005</u> psig	
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature <u></u>
Title: <u>Regulatory Analyst</u>	Date: <u>2/25/08</u>
Phone No. <u>(303) 893-0102</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

# Monument Butte Federal #14-24-8-16

Spud Date: 5/29/96  
Put on Production: 8/3/96  
GL: 5430' KB: 5442'

Initial Production: 76 BOPD,  
96 MCFPD, 11 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (307.10')  
DEPTH LANDED: 301.10'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, mixed, 50 sxs Premium Plus.  
mixed, est 9 bbls cement to surf.

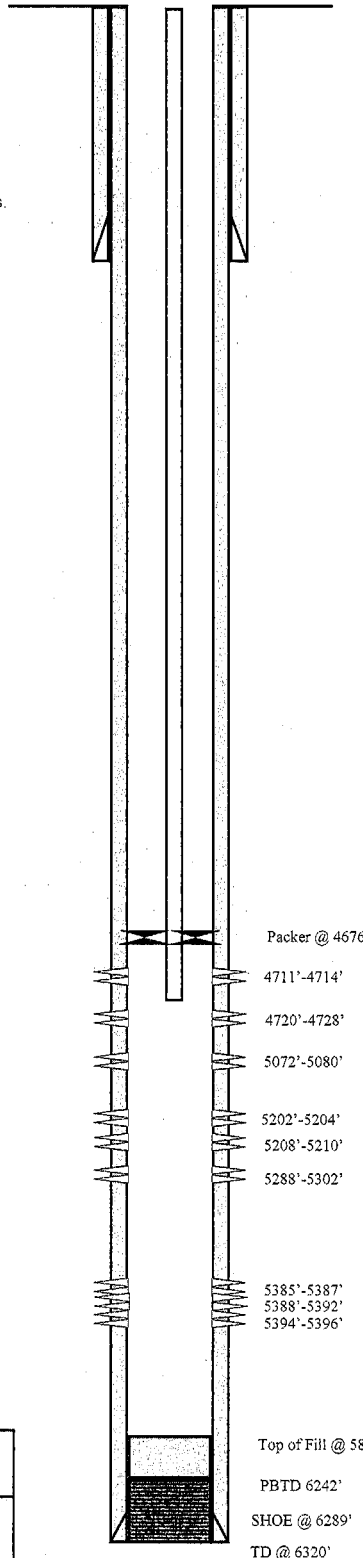
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 152 jts. (6294.61')  
DEPTH LANDED: 6288.61'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 330 sk Hyfill std mixed & 390 sxs Thixo mixed.  
CEMENT TOP AT: Surface (estimate from cbl)

## TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / M-50  
NO. OF JOINTS: 170 jts. (5356.80') 20 new joints  
TUBING ANCHOR: 5359.40' KB  
NO. OF JOINTS: 2 jts. (62.89')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5423.33' KB  
NO. OF JOINTS: 2 jts. (62.94')  
TOTAL STRING LENGTH: EOT @ 5486.72' W/ 13' KB

## Proposed Injection Wellbore Diagram



## FRAC JOB

7/25/96 5202'-5396' **Frac D1, D3 and C sands as follows:**  
138,400# 20/40 sd in 688 bbls of  
Boragel. Breakdown @ 2900 psi. Treated  
@ avg rate of 36 bpm w/avg press of  
1970 psi. ISIP-2039 psi., 5-min 1980 psi.  
Flowback on 16/64" ck for 5 hrs & died. Calc.  
Flush: Actual Flush: 5081

7/29/96 5072'-5080' **Frac XY/DC sands as follows:**  
72,900# 20/40 sd in 401 bbls of  
Boragel. Breakdown @ 2174 psi. Treated  
@ avg rate of 20 bpm w/avg press of  
2450 psi. ISIP- 2536 psi., 5-min 2409 psi.  
Flowback on 16/64" ck for 4 hrs until  
dead. Calc. Flush: Actual Flush: 5027

7/31/96 4711'-4728' **Frac GB-6 sand as follows:**  
85,300# of 20/40 sd in 401 bbls of  
Boragel. Breakdown @ 1510 psi. Treated  
@ avg rate of 20.5 bpm w/avg press of  
2500 psi. ISIP-4371 psi., 5-min 3010 psi.  
Flowback on 16/64" ck. for 3-1/2 hrs  
until dead.

7/11/01 Pumpchange. Revised rod and tubing details.  
1/29/02 **Tubing leak.** Revised rod and tubing details.  
01/29/03 **Tubing Leak:** Revised rod and tubing details.  
08/26/03 **Tubing Leak:** Revised rod and tubing details.  
11/07/07 **Tubing Leak.** Rod & Tubing detail updated.

## PERFORATION RECORD

7/24/96	5384'-5387'	2 JSPF	4 holes
7/24/96	5388'-5392'	2 JSPF	8 holes
7/24/96	5394'-5396'	2 JSPF	4 holes
7/24/96	5288'-5302'	4 JSPF	56 holes
7/24/96	5202'-5204'	2 JSPF	4 holes
7/24/96	5208'-5210'	2 JSPF	4 holes
7/27/96	5072'-5080'	4 JSPF	32 holes
7/30/96	4711'-4714'	4 JSPF	16 holes
7/30/96	4720'-4728'	4 JSPF	36 holes

**NEWFIELD**

**Monument Butte Federal #14-24-8-16**

660 FSL & 1980 FWL  
SESW Section 24-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31630; Lease #UTU-67170

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Butte Fed#14-24-8-16 from a producing oil well to a water injection well in Monument Butte (Green River).

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Monument Butte Fed#14-24-8-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4473' - 6288'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 4144' and the TD is at 6320'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Butte Fed#14-24-8-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #UTU-67170) in the Monument Butte (Green River) Field , and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24#, J-55 surface casing run to 301' KB, and 5-1/2" 15.5# J-55 casing run from surface to 6289' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.



**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2005 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Monument Butte Fed#14-24-8-16, for existing perforations (4711' - 5396') calculates at 0.82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2005 psig. We may add additional perforations between 4473' and 6288'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Monument Butte Fed#14-24-8-16, the proposed injection zone (4473' - 6288') is in the Garden Gulch to Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte FedField. Outside the Monument Butte FedField, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-13.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

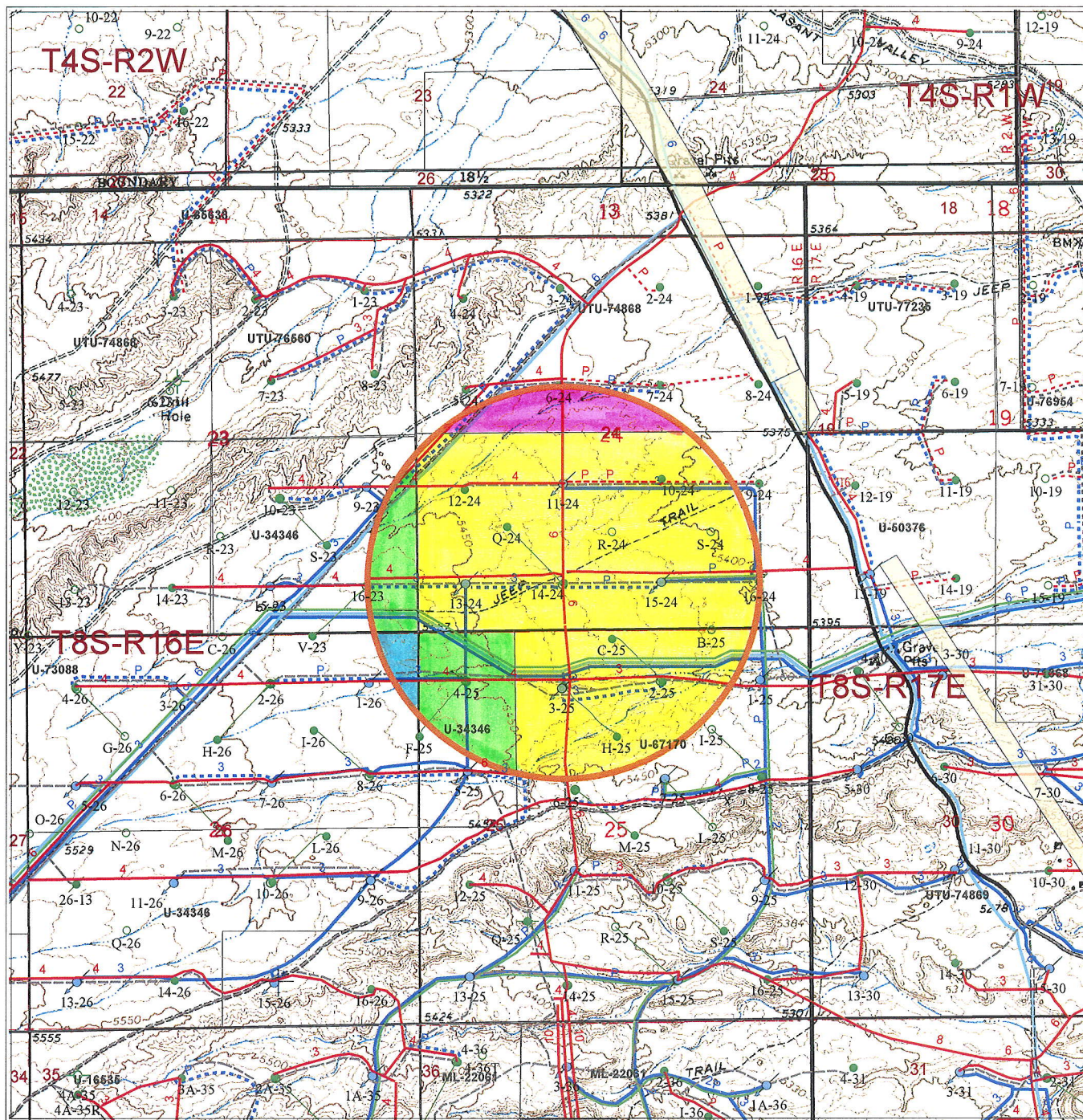
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.





- Well Status**
- Location
  - ⊕ CTI
  - ⊕ Surface Spud
  - ⊕ Drilling
  - ⊕ Waiting on Completion
  - Producing Oil Well
  - ⊕ Producing Gas Well
  - ⊕ Water Injection Well
  - ⊕ Dry Hole
  - ⊕ Temporarily Abandoned
  - ⊕ Plugged & Abandoned
  - ⊕ Shut In
- Countyline**
- Countyline
- Injection system**
- high pressure
  - low pressure
  - proposed
  - return
  - return proposed
- Gas Pipelines**
- Gathering lines
  - Proposed lines
- Leases**
- Leases
- 14-24-8-16 1/2mile radius**

u-67170  
u-74868  
u-34346  
u-73088

Attachment A

Monument Butte Fed 14-24-8-16  
Section 24, T8S-R16E

**NEWFIELD**  
ROCKY MOUNTAINS



1" = 2000'

**1/2 Mile Radius Map**  
Duchesne County

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

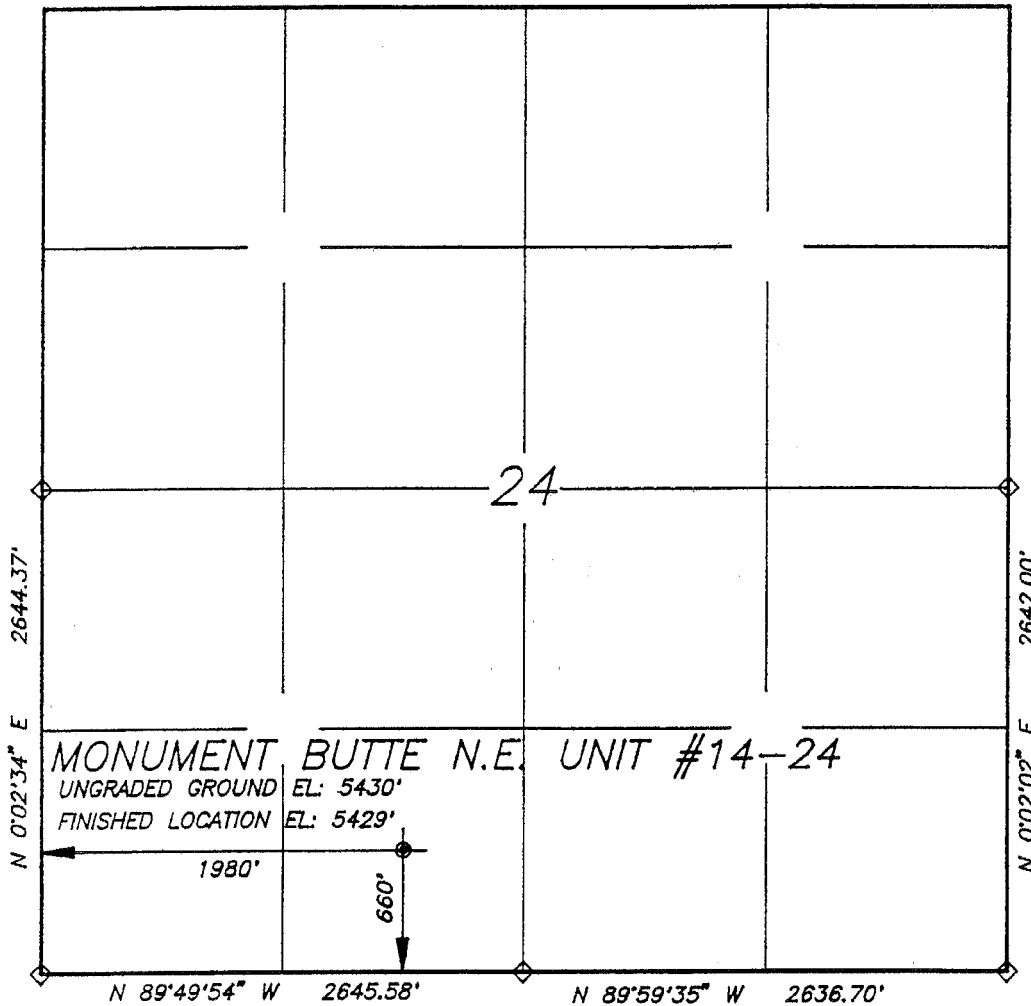
February 6, 2008



INLAND PRODUCTION CO.

WELL LOCATION PLAT

MONUMENT BUTTE N.E. UNIT #14-24

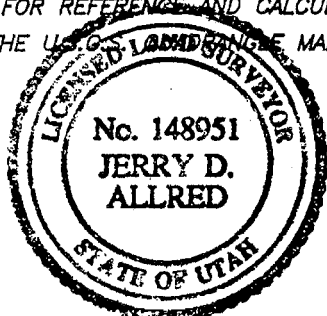
LOCATED IN THE SE1/4 OF THE SW1/4  
SECTION 24, T8S, R16E, S.L.B.&M.

SCALE: 1" = 1000'

## LEGEND AND NOTES

- ◇ ORIGINAL CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS, AS WAS THE U.S.G. ENGINEERING MAP.



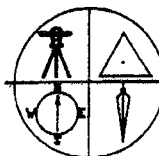
18 MAR 1996

84-121-055

## SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

*Jerry D. Allred*  
JERRY D. ALLRED, REGISTERED LAND SURVEYOR,  
CERTIFICATE NO. 148951 (UTAH)



JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

121 NORTH CENTER STREET  
P.O. BOX 975  
DUCHESE, UTAH 84021  
(801)-738-5352

## EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 8 South, Range 16 East Section 24: S2, less that part of Doris #3 Mining claim Section 25: NE, E2NW, S2 Section 26: S2SE	U-67170 HBP	Newfield Production Company	(Surface Rights) USA
2	Township 8 South, Range 16 East Section 13: ALL (Excluding Patent 813321) Section 22: NE Section 23: NW Section 24: N2 (Excluding Patent 813321 & 884015)	U-74868 HBP	Newfield Production Company	(Surface Rights) USA
3	Township 8 South, Range 16 East Section 23: SE Section 25: W2NW Section 26: SW, N2SE	U-34346 HBP	Newfield Production Company Citation 1994 Investment Ltd.	(Surface Rights) USA
4	Township 8 South, Range 16 East Section 22: SE Section 23: SW Section 26: N2 Section 27: NE, S2NW, N2S2	U-73088 HBP	Newfield Production Company	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Monument Butte Fed#14-24-8-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

*Eric Sundberg*  
Newfield Production Company  
Eric Sundberg  
Regulatory Analyst

Sworn to and subscribed before me this 25<sup>th</sup> day of February, 2008.

Notary Public in and for the State of Colorado: \_\_\_\_\_

*Laurie Deseau*

My Commission Expires: \_\_\_\_\_

05/05/2009

# Monument Butte Federal #14-24-8-16

Spud Date: 5/29/96  
Put on Production: 8/3/96  
GL: 5430' KB: 5442'

Initial Production: 76 BOPD,  
96 MCFPD, 11 BWPD

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts.(307.10')  
DEPTH LANDED: 301.10'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, mixed, 50 sxs Premium Plus mixed, est 9 bbls cement to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 152 jts.(6294.61')  
DEPTH LANDED: 6288.61'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 330 sk Hyfill std mixed & 390 sxs Thixo mixed.  
CEMENT TOP AT: Surface (estimate from cbl)

## TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / M-50  
NO. OF JOINTS: 170 jts. (5356.80') 20 new joints  
TUBING ANCHOR: 5359.40' KB  
NO. OF JOINTS: 2 jts. (62.89')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5423.33' KB  
NO. OF JOINTS: 2 jts. (62.94')  
TOTAL STRING LENGTH: EOT @ 5486.72' W/ 13' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.  
SUCKER RODS: 6-1 1/2" weighted bars, 64-3/4" guided rods (45- new), 50-3/4" plain rods, 94-3/4" guided rods, 1-8", 2-6", X 3/4" pony rods.  
PUMP SIZE: 2 1/2" X 1 1/4" X 10' x 14' RHAC pump  
STROKE LENGTH: 62"  
PUMP SPEED, SPM: 4 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

## FRAC JOB

7/25/96 5202'-5396' **Frac D1, D3 and C sands as follows:**  
138,400# 20/40 sd in 688 bbls of Boragel. Breakdown @ 2900 psi. Treated @ avg rate of 36 bpm w/avg press of 1970 psi. ISIP-2039 psi., 5-min 1980 psi. Flowback on 16/64" ck for 5 hrs & died. Calc. Flush: Actual Flush: 5081

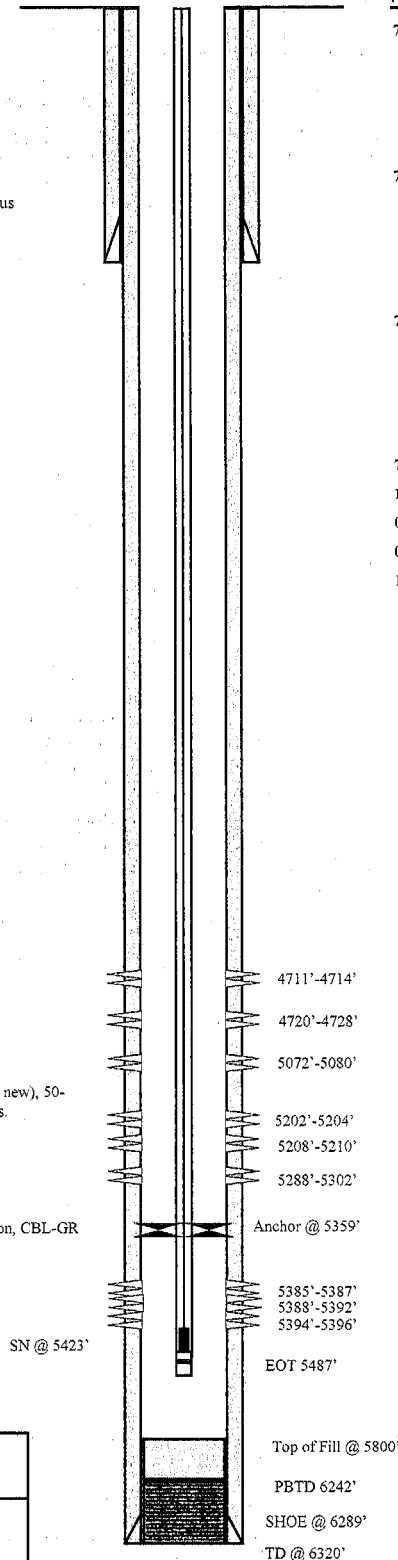
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72,900# 20/40 sd in 401 bbls of Boragel. Breakdown @ 2174 psi. Treated @ avg rate of 20 bpm w/avg press of 2450 psi. ISIP- 2536 psi, 5-min 2409 psi. Flowback on 16/64" ck for 4 hrs until dead. Calc. Flush: Actual Flush: 5027

7/31/96 4711'-4728' **Frac GB-6 sand as follows:**  
85,300# of 20/40 sd in 401 bbls of Boragel. Breakdown @ 1510 psi. Treated @ avg rate of 20.5 bpm w/avg press of 2500 psi. ISIP-4371 psi, 5-min 3010 spi. Flowback on 16/64" ck. for 3-1/2 hrs until dead.

7/11/01 Pumpchange. Revised rod and tubing details.  
1/29/02 **Tubing leak.** Revised rod and tubing details.  
01/29/03 **Tubing Leak:** Revised rod and tubing details.  
08/26/03 **Tubing Leak:** Revised rod and tubing details.  
11/07/07 **Tubing Leak.** Rod & Tubing detail updated.

## PERFORATION RECORD

Date	Interval	Tool Joint	Holes
7/24/96	5384'-5387'	2 JSPF	4 holes
7/24/96	5388'-5392'	2 JSPF	8 holes
7/24/96	5394'-5396'	2 JSPF	4 holes
7/24/96	5288'-5302'	4 JSPF	56 holes
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7/27/96	5072'-5080'	4 JSPF	32 holes
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7/30/96	4720'-4728'	4 JSPF	36 holes



NEWFIELD

Monument Butte Federal #14-24-8-16

660 FSL & 1980 FWL

SESW Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-31630; Lease #UTU-67170

Spud Date: 3/27/96 Put on  
Production: 4/23/96

# Monument Butte Federal #3-25-8-16

Initial Production: 149 BO,  
94 MCF, 3 BWPD

Put on Injection: 1/29/97  
GL: 5432' KB: 5445'

Injection Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 293.72'  
DEPTH LANDED: 290.52'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cement

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 147 jts. (6247')  
DEPTH LANDED: 6250.31'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sk Hyfill mixed & 350 sxs thixotropic  
CEMENT TOP AT: Surface per CBL

## TUBING

SIZE/GRADE/WT.: 2 7/8" / M-50 / 6.5#  
NO. OF JOINTS: 164 jts  
SEATING NIPPLE: 2 7/8" 1.10'  
SN LANDED AT: 4793.68 KB  
PACKER: 4798.03' KB  
TOTAL STRING LENGTH: 4802.28

## FRAC JOB

4/16/96 5425'-5310' Frac B-1, Bi-Carb and C sand as follows:  
93,600# of 20/40 sd in 583 bbls of Boragel.  
Treated @ avg Rate 31 bpm, avg press 1800  
psi. ISIP-1991 psi. Calc. flush: 5420 gal.  
Actual flush: 5262 gal.

4/21/96 5142'-5160' Frac D-1 sand as follows:  
79,000# 20/49 sd in 471 bbls Boragel.  
Treated @ avg rate 30 bpm w/1550 psi avg  
ISIP 1967 psi. Calc flush: 5142 gal. Actual  
flush: 5039 gal.

1/24/97 Convert to injector.

7-26-05 6110-6166' Recompletion Frac CP2 & CP3 sand as  
follows: 19,005#'s 20/40 sd in 198 bbls of  
Lightning 17 frac fluid. Treated @ avg  
pressure 3580 psi @ ave rate of 14 BPM.  
ISIP 2250 psi. Calc flush: 1616 gal. Actual  
flush: 1504 gal.

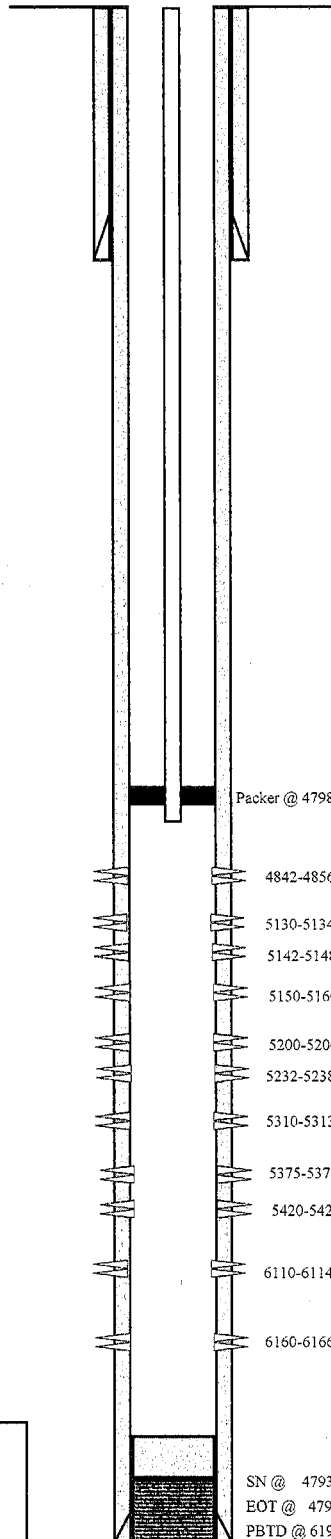
7-26-05 5200-5238' Recompletion Frac D2 & D3 sands as  
follows: 14,299#'s 20/40 sd in 158 bbls of  
Lightning 17 frac fluid. Treated @ avg  
pressure 3408 psi @ ave rate of 14.1 BPM.  
ISIP 2500 psi. Calc flush: 1313 gal. Actual  
flush: 1193 gal.

7-26-05 4842-4856' Recompletion Frac PB10 sands as  
follows: 22,023#'s 20/40 sd in 338 bbls of  
Lightning 17 frac fluid. Treated @ avg  
pressure 3015 psi @ ave rate of 14.1 BPM.  
ISIP 2100 psi. Calc flush: 1333 gal. Actual  
flush: 1155 gal.

8-17-05 MIT completed

## PERFORATION RECORD

4/15/96	5420'-5425'	4 JSPF	20 holes
4/15/96	5375'-5378'	4 JSPF	12 holes
4/15/96	5310'-5313'	4 JSPF	12 holes
4/17/96	5142'-5148'	4 JSPF	24 holes
4/17/96	5150'-5160'	4 JSPF	40 holes
7-25-05	6110-6114'	4 JSPF	16 holes
7-25-05	6160-6166'	4 JSPF	24 holes
7-25-05	5232-5238'	4 JSPF	24 holes
7-25-05	5200-5206'	4 JSPF	24 holes
7-25-05	5130-5134'	4 JSPF	16 holes
7-25-05	4842-4856'	4 JFPF	56 holes



**Monument Butte Federal #3-25-8-16**  
756 FNL 1946 FEL  
NENW Section 25-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31605; Lease #U-67170

# Monument Butte Federal #2-25-8-16

Spud Date: 3/07/96

ut on Production: 4/10/96  
GL: 5413' KB: 5426'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: jts. (305')  
DEPTH LANDED: 302'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls cmt to surf

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 157 jts. (6605.03')  
DEPTH LANDED: 6583.60'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 340 sk Hyfill mixed & 450 sxs thixotropic  
CEMENT TOP AT: Surface per CBL

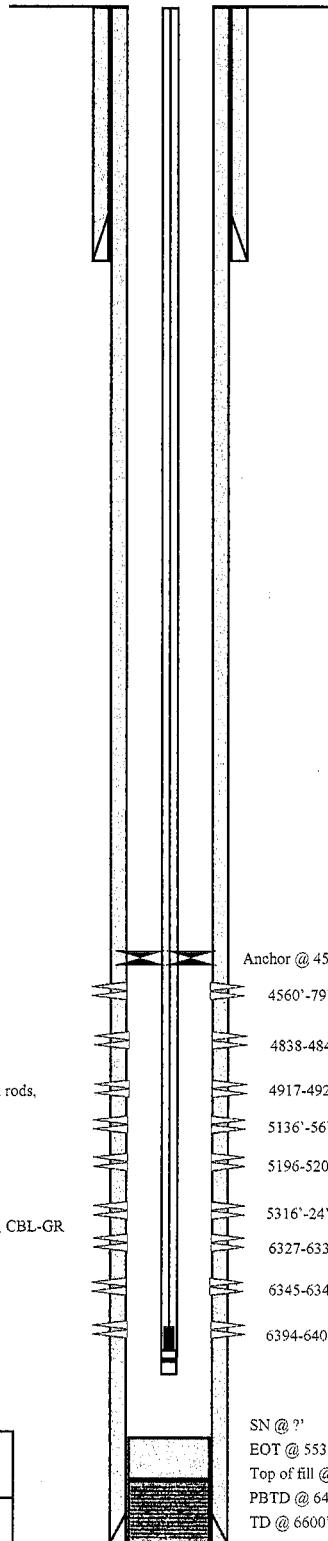
## TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 148 jts  
TUBING ANCHOR: 4500' KB  
NO. OF JOINTS: 27 jts  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: ?  
NO. OF JOINTS: 7 jts  
TOTAL STRING LENGTH: EOT @ 5535' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 4 1 1/2" wt rods, 4-3/4" scraper rods, 108-3/4" slick rods, 96-3/4" scraper rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 17' RHAC  
STROKE LENGTH: 100"  
PUMP SPEED, SPM: 8 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

## Wellbore Diagram



## FRAC JOB

4/1/96 5316'-5324' **Frac C sand as follows:**  
77,770# of 20/40 sand in 456 bbls of Boragel.  
Treated w/, avg press 2100 psi, avg rate 18 bpm, ISIP- 2267. Calc. flush: 5316 gal. Actual flush: ?.

4/3/96 5136'-5156' **Frac D sand as follows:**  
72,000# of 20/40 sand in 430 bbls of Boragel.  
Treated @ avg press 1750 psi, avg rate 23.3 bpm, ISIP-2152 psi. Calc. flush: 5136 gal. Actual flush: 5051 gal.

4/6/96 4560'-4579' **Frac GB-4 sand as follows:**  
81,600# of 20/40 sand in 453 bbls of Boragel.  
Treated @ avg press 1900 psi, avg rate 27.5 bpm, ISIP 2346 psi. Calc. flush: 4560 gal. Actual flush: 4470 gal.

**Recompletion:**

07/23/07 6327-6400' **Frac CPS & BS sand as follows:**  
59429# of 20/40 sand in 507 bbls of Lighting  
17 frac fluid. Treated @ avg press 4876 psi, avg rate 14.2 bpm. Calc. flush: 2514 gal. Actual flush: 1491 gal.

07/25/07 5196-5200' **Frac D2 sand as follows:**  
14265# of 20/40 sand in 171 bbls of Lighting  
17 frac fluid. Treated @ avg press 4973 psi, avg rate 14.2 bpm. Calc. flush: 2352 gal. Actual flush 1197 gal.

07/25/07 4838-4925' **Frac PB10 & PB11 sand as follows:**  
51007# of 20/40 sand in 437 bbls of Lighting  
17 frac fluid. Treated @ avg press 3999 psi, avg rate 14.2 bpm. Calc. flush: 5486 gal. ? Actual flush 1147 gal.

## PERFORATION RECORD

Date	Depth Range	Tool	Holes
3/30/96	5316'-5324'	4 JSPF	32 holes
4/02/96	5136'-5156'	4 JSPF	? holes
4/04/96	4560'-4579'	4 JSPF	72 holes
07/23/07	6394-6400'	4 JSPF	24 holes
07/23/07	6345-6349'	4 JSPF	16 holes
07/23/07	6327-6332'	4 JSPF	20 holes
07/23/07	5196-5200'	4 JSPF	16 holes
07/25/07	4917-4925'	4 JSPF	32 holes
07/25/07	4838-4845'	4 JSPF	28 holes



## Monument Butte Federal #2-25-8-16

679 FNL & 1979 FEL

NWNE Section 25-T8S-R16E

Duchesne Co, Utah

API #43-013-31604; Lease #U-67170



# Federal H-25-8-16

Spud Date: 4-18-2007  
Put on Production: 6-20-2007

GL: 5434' KB: 5446'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (301.23')  
DEPTH LANDED: 313.08' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 150 jts. (6563.15')  
DEPTH LANDED: 6576.4' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.  
CEMENT TOP AT: 260'

## TUBING

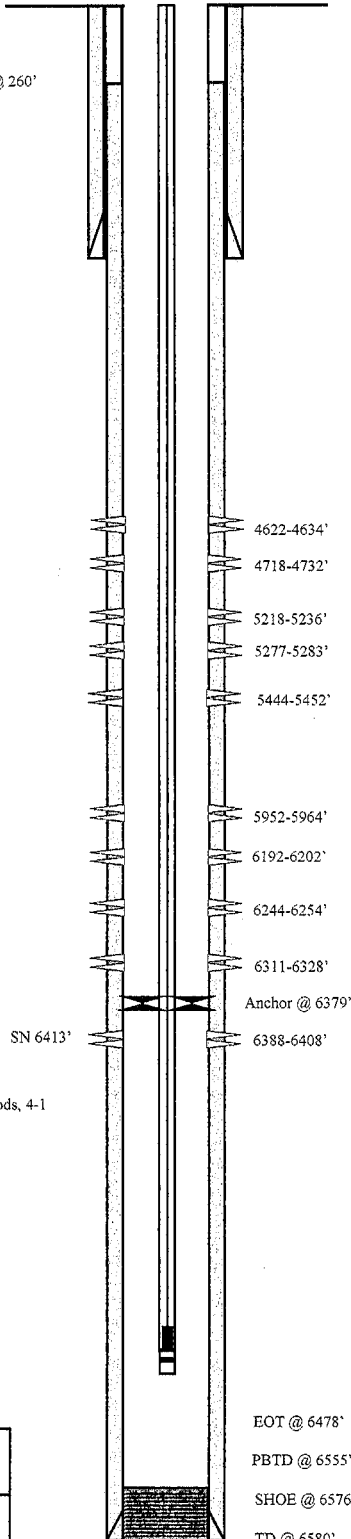
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 204 jts (6366.95')  
TUBING ANCHOR: 6378.95' KB  
NO. OF JOINTS: 1 jts (31.66')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6413.41' KB  
NO. OF JOINTS: 2 jts (63.24')  
TOTAL STRING LENGTH: EOT @ 6478.20' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
SUCKER RODS: 1-8", & 1-4" x 7/8" pony rods, 251- 7/8" scraped rods, 4-1 1/2" weight rods  
PUMP SIZE: 2-1/2" x 1-1/2" x 20.5' RHAC w/SM plunger  
STROKE LENGTH: 144"  
PUMP SPEED, SPM: 5 SPM

## Wellbore Diagram

Cement top @ 260'



## FRAC JOB

06-14-07	6388-6408'	<b>Frac CP5 sands as follows:</b> 39472# 20/40 sand in 433 bbls Lightning 17 frac fluid. Treated @ avg press of 1988 psi w/avg rate of 24.8 BPM. ISIP 2380 psi. Calc flush: 6386 gal. Actual flush: 5922 gal.
06-14-07	6311-6328'	<b>Frac CP4 sands as follows:</b> 39700# 20/40 sand in 419 bbls Lightning 17 frac fluid. Treated @ avg press of 1915 psi w/avg rate of 24.8 BPM. ISIP 2190 psi. Calc flush: 6309 gal. Actual flush: 5838 gal.
06-14-07	6192-6254'	<b>Frac CP3, &amp; CP2 sands as follows:</b> 29158# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2328 psi w/avg rate of 24.8 BPM. ISIP 2260 psi. Calc flush: 6190 gal. Actual flush: 5754 gal.
06-14-07	5952-5964'	<b>Frac LODC sands as follows:</b> 59537# 20/40 sand in 534 bbls Lightning 17 frac fluid. Treated @ avg press of 2694 w/ avg rate of 24.8 BPM. ISIP 2270 psi. Calc flush: 5950 gal. Actual flush: 5460 gal.
06-14-07	5444-5452'	<b>Frac B.5 sands as follows:</b> 19361# 20/40 sand in 301 bbls Lightning 17 frac fluid. Treated @ avg press of 2302 w/ avg rate of 24.8 BPM. ISIP 2000 psi. Calc flush: 5442 gal. Actual flush: 4998 gal.
06-15-07	5218-5283'	<b>Frac D2 &amp; D1 sands as follows:</b> 70060# 20/40 sand in 557 bbls Lightning 17 frac fluid. Treated @ avg press of 2027 w/ avg rate of 24.8 BPM. ISIP 2260 psi. Calc flush: 5216 gal. Actual flush: 4746 gal.
06-15-07	4718-4732'	<b>Frac GB6 sands as follows:</b> 39978# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 1964 w/ avg rate of 24.8 BPM. ISIP 2010 psi. Calc flush: 4716 gal. Actual flush: 4242 gal.
06-15-07	4622-4634'	<b>Frac GB4 sands as follows:</b> 43948# 20/40 sand in 313 bbls Lightning 17 frac fluid. Treated @ avg press of 2382 w/ avg rate of 24.8 BPM. ISIP 4000 psi. Calc flush: 4620 gal. Actual flush: 1638 gal.

## PERFORATION RECORD

06-14-07	6388-6408'	4 JSPF	80 holes
06-14-07	6311-6328'	4 JSPF	68 holes
06-14-07	6244-6254'	4 JSPF	40 holes
06-14-07	6192-6202'	4 JSPF	40 holes
06-14-07	5952-5964'	4 JSPF	48 holes
06-14-07	5444-5452'	4 JSPF	32 holes
06-14-07	5277-5283'	4 JSPF	24 holes
06-14-07	5218-5236'	4 JSPF	72 holes
06-15-07	4718-4732'	4 JSPF	56 holes
06-15-07	4622-4634'	4 JSPF	48 holes

NEWFIELD

Federal H-25-8-16

740' FNL & 1958' FWL

NE/NW Section 25-T8S-R16E

Duchesne Co, Utah

API # 43-013-33273; Lease # UTU-67170

A Ham. E-4

# Monument Butte Federal NE #16-23-8-16

Spud Date: 4/17/97  
Put on Production: 5/23/97  
GL: 5468' KB:5481'

Initial Production: 215 BOPD,  
250 MCFPD, 10 BWPD

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (290.94.80')  
DEPTH LANDED: 289.94' GL  
HOLE SIZE: 12 - 1/4"  
CEMENT DATA: 120 sxs Class V w/ 2% CaCl

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 152 jts. (6413.18')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 550 sxs Hibond mixed & 460 sxs thixotropic  
CEMENT TOP AT: 1010' per CBL  
LANDED: 6406' KB

## TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 198 jts. (6151.24')  
TUBING ANCHOR: 6153.99'  
NO. OF JOINTS: 1 jts. (31.28')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6186.37' KB  
NO. OF JOINTS: 1 jts. (29.70')  
TOTAL STRING LENGTH: EOT @ 6216.52' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 6-1 1/2" weight bars; 26-3/4" scraped rods; 89-3/4" plain rods, 125-3/4" scraped rods, 1-2', 1-4', 1-6', 1-8' x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 4 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

## FRAC JOB

5/14/97 6067'-6206' **Frac A/CP sand as follows:**  
124,900# 20/40 sand in 624 bbls of Boragel. Breakdown @ 3070 psi, treated @ avg rate 30.3 bpm w/avg press of 2100 psi. ISIP 3291 psi, 5-min 2440 psi. Start flowback on 12/64" ck after 5 min. Flowed for 4 - 1/2 hrs and died.

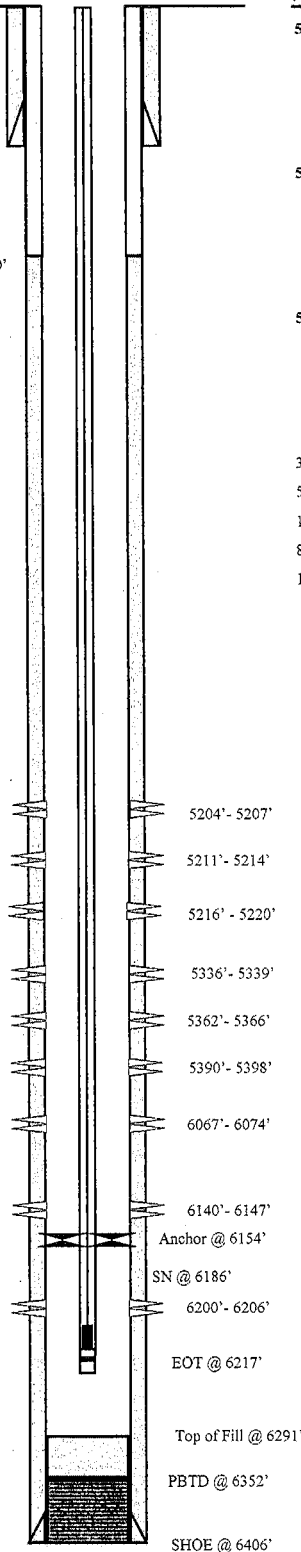
5/15/97 5336'-5398' **Frac C sand as follows:**  
89,800# of 20/40 sand in 486 bbls of Boragel. Breakdown @ 2830 psi. Treated @ avg rate 25.3 bpm w/avg press of 1600 psi. ISIP-2052 psi, 5-min 1928 psi. Flowback after 5 min on 12/64" ck. Flowed for 3 - 1/2 hrs & died.

5/17/97 5204'-5220' **Frac D sand as follows:**  
96,400# of 20/40 sand in 495 bbls of Boragel. Breakdown @ 2247 psi. Treated @ avg rate 24.3 bpm w/avg press of 1480 psi. ISIP-2024 psi, 5-min 1996 psi. Flowback after 5 min on 12/64" ck. Flowed for 1 hr & died.

3/11/02 Pump change. Update rod and tubing details.  
5/20/02 Tubing leak. Update rod and tubing details.  
11/18/02 Tubing leak. Update rod and tubing details.  
8/20/04 Parted Rods. Update rod details.  
1/13/05 Parted Rods. Update rod details.

## PERFORATION RECORD

Date	Interval	Tool	Holes
5/14/97	6200' - 6206'	4 JSPF	24 holes
5/14/97	6140' - 6147'	4 JSPF	28 holes
5/14/97	6067' - 6074'	4 JSPF	28 holes
5/16/97	5336' - 5339'	4 JSPF	12 holes
5/16/97	5362' - 5366'	4 JSPF	16 holes
5/16/97	5390' - 5398'	4 JSPF	32 holes
5/17/97	5204' - 5207'	4 JSPF	12 holes
5/17/97	5211' - 5214'	4 JSPF	12 holes
5/17/97	5216' - 5220'	4 JSPF	16 holes



NEWFIELD

Monument Butte Federal #16-23-8-16

661' FEL & 661' FSL

SE/SE Section 23-T8S-R16E

Duchesne Co, Utah

API #43-013-31474; Lease #UTU-34346

# Monument Butte Federal #16-24-8-16

Spud Date: 5/4/96 Put on  
Production: 6/14/96 GL:  
5399' KB: 5412'

Initial Production: 76 BOPD,  
65 MCFPD, 55 BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (293.31')  
DEPTH LANDED: 306.31'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 147 jts. (6341.36')  
DEPTH LANDED: 6296.23'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 315 sk Hyfill mixed & 350 sxs thixotropic  
CEMENT TOP AT: Surface per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 188 jts. (5919.61')  
TUBING ANCHOR: 5935.41' KB  
NO. OF JOINTS: 2 jt. (64.75')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6001.26' KB  
NO. OF JOINTS: 4 jts. (127.09')  
TOTAL STRING LENGTH: EOT @ 6134.29' W/13' KB

### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod.  
SUCKER RODS: 6 - 1-1/2" wt rods, 55 - 3/4" scraper rods, 78 - 3/4" plain rods, 101 - 7/8" scraper rods, 2-4', 6', 8' x 7/8" pony rods  
PUMP SIZE: 2-1/2" x 1 1/2" x 16"x20" RHAC pump  
STROKE LENGTH: 108"  
PUMP SPEED, SPM: 6 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

### FRAC JOB

6/4/96 6105'-6170' **Frac CP-2 and CP-1 sands as follows:**  
99,600# 20/40 sd in 548 bbls Boragel.  
Breakdown @ 2969 psi & treated @ avg rate 24.4 bpm @ avg press 1700 psi.  
ISIP-2283 psi, 5-min 2047 psi. Flowback on 16/64" ck @ 1.8 bpm.

6/6/96 5854'-5895' **Frac LODC sand as follows:**  
77,700# 20/40 sd in 467 bbls Boragel.  
Breakdown @ 2582 psi & treated @ avg rate 14.9 bpm & avg press 1800 psi.  
ISIP-2264 psi, 5-min 2110 psi. Flowback on 16/64" ck @ 1.7 bpm for 1 hr until dead.

6/8/96 5378'-5496' **Frac C and B-1 sands as follows:**  
91,500# 20/40 sd in 514 bbls of Boragel.  
Breakdown @ 2172 psi treated w/avg rate 24 bpm w/avg press 1600 psi. ISIP-2264 psi, 5-min 1425 psi. Flowback on 16/64" ck 3 hrs until dead.

04/18/07 5202'-5212' **Frac D1 sand as follows:**  
89682# 20/40 sand in 678 bbls Lightning 17 frac fluid. Treated @ avg press of 3550 psi w/avg rate of 14.7 BPM. ISIP 2188 psi. Calc flush: 2316 gal. Actual flush: 1260 gal.

6/11/96 5197'-5212' **Frac D-1 sand as follows:**  
92,200# of 20/40 sd in 501 bbls Boragel.  
Breakdown @ 1217 psi & treated @ avg rate of 18.5 bpm w/avg press of 1600 psi.  
ISIP-1979 psi, 5-min 1425 psi. Flowback on 16/64" ck. Flowed for 3 hrs & died.

1/4/02 Tubing leak. Isolate water zones. Update rod and tubing details.

4/4/02 Squeeze D sands. Update rod & tubing details.

04/18/07 **Recompletion** Rod & Tubing Detail updated.

### PERFORATION RECORD

6/3/96	6105'-6108'	4 JSFP	12 holes
6/3/96	6113'-6120'	4 JSFP	28 holes
6/3/96	6147'-6154'	4 JSFP	28 holes
6/3/96	6168'-6170'	4 JSFP	8 holes
6/5/96	5854'-5861'	4 JSFP	28 holes
6/5/96	5868'-5878'	4 JSFP	40 holes
6/5/96	5883'-5885'	4 JSFP	8 holes
6/5/96	5888'-5891'	4 JSFP	12 holes
6/5/96	5893'-5895'	4 JSFP	8 holes
6/7/96	5378'-5384'	4 JSFP	24 holes
6/7/96	5494'-5496'	4 JSFP	8 holes
6/10/96	5197'-5199'	4 JSFP	8 holes
6/10/96	5202'-5212'	4 JSFP	40 holes
04/18/07	5202'-5212'	4 JSFP	40 holes

SN @ 6001'  
EOT @ 6134'  
Top of fill @ 6167'  
PBTD @ 6247'  
TD @ 6300'



Inland Resources Inc.

Monument Butte Federal #16-24-8-16

660 FSL & 660 FEL

SESE Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-31629; Lease #U-67170

## Monument Butte Federal #15-24

Spud Date: 5/10/96

P

Put on Production: 6/15/96

GL: 5416' KB: 5429'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (293.68')

DEPTH LANDED: 290'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 148 jts. (6302.63')

DEPTH LANDED: 6300'

HOLE SIZE: 7-7/8"

CEMENT DATA: 330 sk Hyfill mixed &amp; 355 sxs thixotropic

CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 200 jts

TUBING ANCHOR: 5175'

SEATING NIPPLE: 2-7/8" (1.10')

TOTAL STRING LENGTH: ? (EOT @ 6092')

SN LANDED AT: 6026'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.

SUCKER RODS: 4-3/4" scraped, 138-3/4" plain rods, 93-3/4" scraped

TOTAL ROD STRING LENGTH: ?

PUMP NUMBER: ?

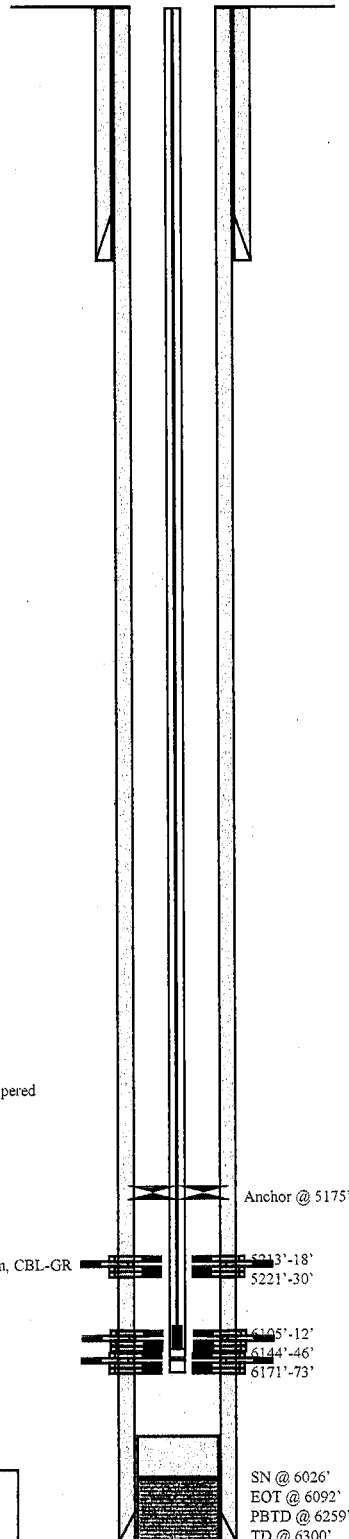
PUMP SIZE: 1-1/2"

STROKE LENGTH: 86"

PUMP SPEED, SPM: 7 SPM

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

## Wellbore Diagram

Initial Production: 9 BOPD,  
22 MCFPD, 20 BWPDFRAC JOB

6/6/96 6105'-6173'

**Frac CP-2 and CP-1 sands as follows:**  
77,700# 20/40 sd in 437 bbls of Boragel.  
Breakdown @ 1958 psi & treated @ avg  
1480 psi. ISIP-1802 psi, 5-min 1638 psi.  
Flwoback on 16/64" ck @ 1.4 bpm 1.5  
hrs until dead.

6/8/96 5213'-5230'

**Frac D-1 sand as follows:**  
57,500# 20/40 sd in 433 bbls Boragel.  
Breakdown @ 2113 psi & treated @ avg  
rate 16.5 bpm w/ avg press 1250 psi.  
ISIP-1846 psi, 5-min 1573 psi. Flowback  
on 16/64" ck. 1-1/2 hrs until dead.

10/31/96

**Hot Oil Treatment**

Pump 60 bbls hot oil down casing.

12/18/06

5 Year MIT completed and submitted.

PERFORATION RECORD

6/5/96	6171'-6173'	4 JSPF	4 holes
6/5/96	6144'-6146'	4 JSPF	8 holes
6/5/96	6105'-6112'	4 JSPF	28 holes
6/7/96	5221'-2130'	4 JSPF	36 holes
6/7/96	5213'-5218'	4 JSPF	20 holes

NEWFIELD

Monument Butte Federal #15-24

660 FSL 1980 FEL

SWSE Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-31628; Lease #U-67170

SN @ 6026'  
EOT @ 6092'  
PBTD @ 6259'  
TD @ 6300'

## Monument Butte Federal #13-24-8-16

Spud Date: 9/9/96

P

ut on Production: 10/3/96

GI - 5445' KB- 5458'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 10 jts. (291.75')

DEPTH LANDED: 290.65' GL

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 8 bbls to surf.

## Wellbore Diagram

Initial Production: 295 BOPD,  
315 MCFPD, 6 BWPDFRAC JOB

9/30/96 5141'-5263'

Frac D-1 and D-2 sands as follows:  
112,600# of 20/40 sand in 579 bbls of  
Boragel. Breakdown @ 1228 psi. Treated  
@ avg rate of 30.5 bpm w/avg press of  
1500 psi. ISIP-1830 psi, 5-min 1752 psi.  
Flowback on 12/64" ck for 3 hours and  
died.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 148 jts. (6308.80')

DEPTH LANDED: 6298.80' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 455 sk HiBond mixed &amp; 390 sxs thixotropic

CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/LS tbg.

NO. OF JOINTS: 193 jts.

TUBING ANCHOR: 5103'

SEATING NIPPLE: 2-7/8" (1.10')

TOTAL STRING LENGTH: EOT @ 5354'

SN LANDED AT: 5135'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.

SUCKER RODS: 8-1" scraped, 97-3/4" plain rods, 100-3/4" scraped

TOTAL ROD STRING LENGTH: ?

PUMP NUMBER: ?

PUMP SIZE: 1-1/2" THD pump

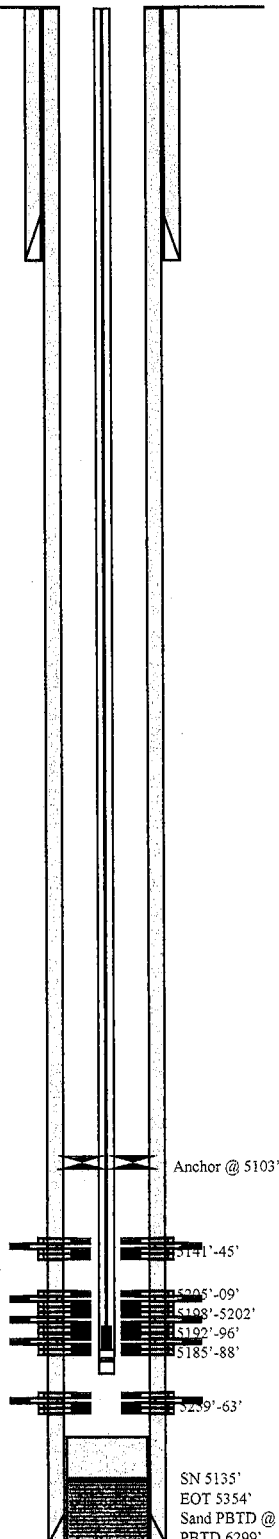
STROKE LENGTH: 86"

PUMP SPEED, SPM: 7 SPM

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

PERFORATION RECORD

9/28/96	5141'-5145'	4 JSPF	16 holes
9/28/96	5185'-5188'	4 JSPF	12 holes
9/28/96	5192'-5196'	4 JSPF	16 holes
9/28/96	5198'-5202'	4 JSPF	16 holes
9/28/96	5205'-5209'	4 JSPF	16 holes
9/28/96	5259'-5263'	4 JSPF	16 holes



SN 5135'  
EOT 5354'  
Sand PBDT @ 5715'  
PBDT 6299'  
TD @ 6300'



Inland Resources Inc.

Monument Butte Federal #13-24

660 FWL 660 FSL

SWSW Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-31630; Lease #U-67170

## Federal Q-24-8-16

Spud Date: 7-11-07  
Put on Production: 08-28-07

GL: 5430' KB: 5442'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (304.97')  
DEPTH LANDED: 316.82' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 174 jts. (6678.90')  
DEPTH LANDED: 66692.15' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 480 sxs 50/50 POZ.  
CEMENT TOP AT: 155'

TUBING

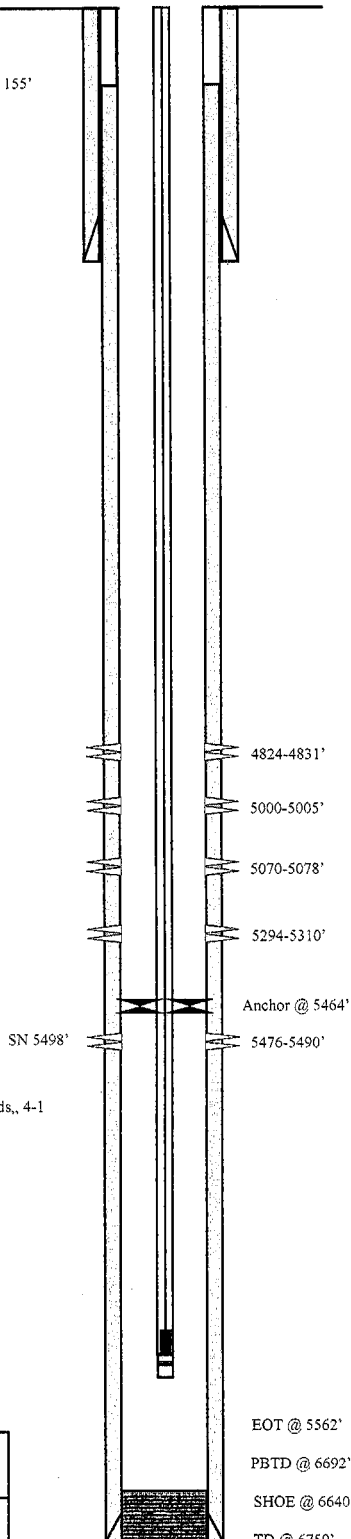
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts (5451.73')  
TUBING ANCHOR: 5463.73' KB  
NO. OF JOINTS: 1 jts (31.51')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5498.04' KB  
NO. OF JOINTS: 2 jts (62.90')  
TOTAL STRING LENGTH: EOT @ 5562.49' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
SUCKER RODS: 1-2", & 1-8" x 3/4" pony rods, 215- 7/8" scraped rods, 4-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 20' RHAC w/SM plunger  
STROKE LENGTH: 123"  
PUMP SPEED, SPM: 5 SPM

## Wellbore Diagram

Cement top @ 155'

FRAC JOB

08-23-07 5476-5490' **Frac C sands as follows:**  
74730# 20/40 sand in 622 bbls Lightning 17 frac fluid. Treated @ avg press of 1855 psi w/avg rate of 24.7 BPM. ISIP 2190 psi. Calc flush: 5474 gal. Actual flush: 4969 gal.

08-23-07 5294-5310' **Frac D1 sands as follows:**  
90093# 20/40 sand in 698 bbls Lightning 17 frac fluid. Treated @ avg press of 1720 psi w/avg rate of 24.7 BPM. ISIP 1900 psi. Calc flush: 5292 gal. Actual flush: 4784 gal.

08-23-07 5000-5078' **Frac PB11, & PB10 sands as follows:**  
29547# 20/40 sand in 396 bbls Lightning 17 frac fluid. Treated @ avg press of 2287 psi w/avg rate of 24.7 BPM. ISIP 2430 psi. Calc flush: 4998 gal. Actual flush: 4494 gal.

08-23-07 4824-4831' **Frac GB6 sand as follows:**  
37985# 20/40 sand in 371 bbls Lightning 17 frac fluid. Treated @ avg press of 2066 w/ avg rate of 24.7 BPM. ISIP 2215 psi. Calc flush: 4822 gal. Actual flush: 4738 gal.

PERFORATION RECORD

08-16-07	5476-5490'	4 JSPF	56 holes
08-23-07	5294-5310'	4 JSPF	64 holes
08-23-07	5070-5078'	4 JSPF	32 holes
08-23-07	5000-5005'	4 JSPF	20 holes
08-23-07	4824-4831'	4 JSPF	28 holes

**NEWFIELD**

**Federal Q-24-8-16**

644' FSL & 1966' FWL  
SE/SW Section 24-T8S-R16E

Duchesne Co, Utah

API # 43-013-33271; Lease # UTU-67170

# Federal 10-24-8-16

Spud Date: 03/11/05  
Put on Production: 04/27/05  
GL: 5406' KB: 5416'

Initial Production: BOPD,  
MCFD, BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.71')  
DEPTH LANDED: 312.71'  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 160sxs Class G with 2% CaCL.

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 178 jts. (6308.85')  
DEPTH LANDED: 6306.85' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 395 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ mix.  
CEMENT TOP AT: 500'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 195 jts (6073.70')  
TUBING ANCHOR: 6085.57' KB  
NO. OF JOINTS: 1 jts (31.27')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 6119.77' KB  
NO. OF JOINTS: 2 jts (62.18')  
TOTAL STRING LENGTH: 6183.50' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 2' x 7/8" pony rods, 100-7/8" scraped rods, 129-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.  
PUMP SIZE: 2 1/2" x 1 1/2" x 10' x 14' RHAC pump CDI Plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 3 SPM  
LOGS: Open hole, CBL

### FRAC JOB

04/20/05 6166'-6215' **Frac CP1 and CP2 sands as follows:**  
89,703# of 20/40 sand in 686 bbls lightning frac 17 fluid. Treated @ avg press of 2116 w/ avg rate of 24.7 bpm. ISIP 2270 psi. Calc flush: 6164 gal. Actual flush: 6132 gal.

04/22/05 5861'-5881' **Frac LODC sands as follows:**  
60,106# of 20/40 sand in 494 bbls lightning frac 17 fluid. Treated @ avg press of 2546 w/avg rate of 23.5 bpm. ISIP 2590 psi. Calc flush: 5859 gal. Actual flush: 5838 gal.

04/22/05 4930'-4946' **Frac C and D3 sands as follows:**  
78,093# of 20/40 sand in 604 bbls lightning 17 frac fluid. Treated @ avg press of 1906 w/avg rate of 25.6 bpm. ISIP 1960 psi. Calc flush: 5370 gal. Actual flush: 5250 gal.

Cement Top @ 500'

SN @ 6120'

5372'-5377'  
5434'-5446'  
5861'-5881'  
Anchor @ 6086'  
6166'-6179'  
EOT @ 6184'  
6203'-6215'  
Top of Fill & PBDT @ 6289'  
SHOE @ 6307'  
TD @ 6325'

### PERFORATION RECORD

04/20/05	6203'-6215'	4 JSPF	48 holes
04/20/05	6166'-6179'	4 JSPF	52 holes
04/22/05	5861'-5881'	4 JSPF	80 holes
04/22/05	5434'-5446'	4 JSPF	48 holes
04/22/05	5372'-5377'	4 JSPF	20 holes

**NEWFIELD**

**FEDERAL 10-24-8-16**  
2049' FSL & 1970' FEL  
NW/SE Section 24-T8S-R16E  
Duchesne Co, Utah  
API #43-013-32366; Lease #UTU-67170

Spud Date: 11/13/97  
Put on Production: 1/9/98  
GL: 5429' KB: 5439'

# Monument Butte Federal #11-24-8-16

Initial Production: 26 BOPD,  
69 MCFPD, 48 BWPD

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (291.74')  
DEPTH LANDED: 301.74' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 140 sxs Premium cmt, est 7 bbls to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 149 jts. (6379')  
DEPTH LANDED: 6389' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 325 sk HiBond mixed & 410 sxs thixotropic  
CEMENT TOP AT:

## TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/M-50.  
NO. OF JOINTS: 194 jts.  
TUBING ANCHOR: 6072'  
SEATING NIPPLE: 2-7/8"  
TOTAL STRING LENGTH:  
SN LANDED AT: 6138'

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.  
SUCKER RODS: 4-11/2" wt rods; 4-3/4" scraped; 141-3/4" plain; 93-3/4" scraped; 1-6", 1-2" x 3/4" pony rods  
TOTAL ROD STRING LENGTH:  
PUMP NUMBER:  
PUMP SIZE: 2-1/2"x1-1/2"x16" RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 5 SPM  
LOGS: DIGL/SP/GR/CAL (6399'-303')  
DSN/SDL/GR (6381'-3000')

## FRAC JOB

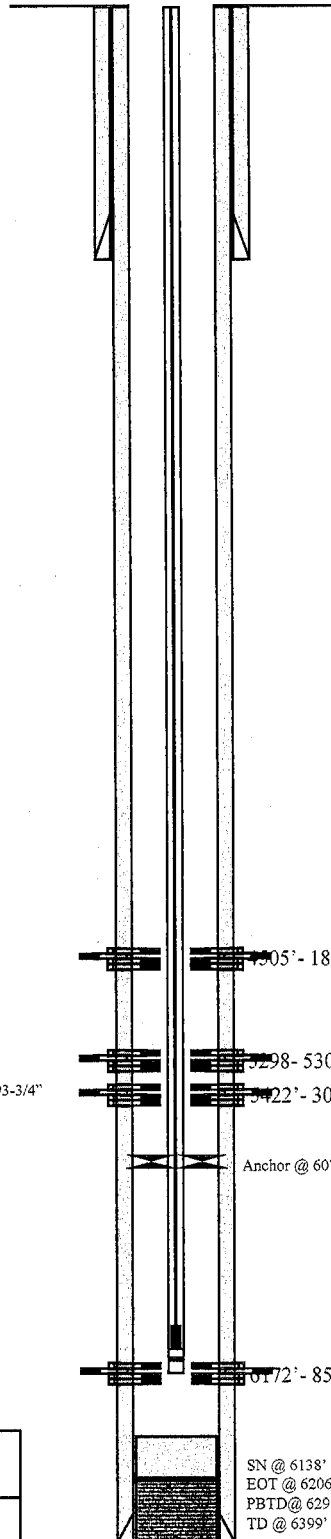
12/13/97 5298'-5430' **Frac CP sand as follows:**  
95,300# 20/40 sand in 537 bbls of Delta frac. Breakdown @ 3302 psi. Treated @ avg rate of 29.8 BPM w/avg press of 1700 psi. ISIP-2510 psi, 5 min 1918 psi. Flowback on 12/64" ck for 4 hrs & died.

12/16/97 5298'-5430' **Frac C/D sands as follows:**  
104,300# 20/40 sand in 526 bbls Delta frac. Breakdown @ 2002 psi. Treated @ avg press of 1600 psi w/avg rate of 28.2. ISIP-2007 psi, 5 min 1793 psi. Flowback on 12/64" ck for 3-1/2 hrs and died.

12/18/97 4505'-4518' **Frac E sand as follows:**  
97,200# 20/40 sand in 486 bbls of Delta frac. Breakdown @ 2050 psi. Treated @ avg press of 1610 psi w/avg rate of 24.2 BPM. ISIP-1798 psi, 5 min 1695. Flowback on 12/64" ck for 4-1/2 hrs and died.

## PERFORATION RECORD

Date	Interval	Tool	Holes
12/12/97	6172'-6185'	4 JSPP	52 holes
12/14/97	5298'-5303'	4 JSPP	20 holes
12/14/97	5422'-5430'	4 JSPP	32 holes
12/17/97	4505'-4518'	4 JSPP	52 holes



Inland Resources Inc.

Monument Butte Federal #11-24X

1992 FSL 1985 FWL

NESW Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-31990; Lease #U-67170



Spud Date: 9/23/97  
Put on Production: 11/12/97  
GL: 5438' KB: 5450'

# MBFNE #12-24

Initial Production: 94 BOPD,  
206 MCFPD, 6 BWPD

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (314.57')  
DEPTH LANDED: 306.33' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 149 jts. (6302')  
DEPTH LANDED: 6299' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 400 sk HiBond mixed & 415 sxs thixotropic  
CEMENT TOP AT:

## TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/M-50.  
NO. OF JOINTS: 136 jts 2 7/8 M-50 tbg (4209.68')  
NO. OF JOINT: 35 jts 2 7/8 J-55 tbg (1109.90')  
SEATING NIPPLE: 1.10'  
SN LANDED AT: 5332.58'  
TUBING ANCHOR: 5333.68'  
NO. OF JOINT: 2 jts M-50 tbg (62.39')  
TOTAL STRING LENGTH: EOT 5399.32'

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.  
SUCKER RODS: 1-4"x3/4" pony rods, 99-3/4" guided rods; 72-3/4" plain; 35-3/4" guided; 6-1-1/2" wt bars, 6-1"x 4" pony between every wt bar.  
PUMP SIZE: 2-1/2"x1-1/2"x16" RHAC  
STROKE LENGTH: 62"  
PUMP SPEED, SPM: 5 SPM

## FRAC JOB

10/14/97 5238'-5308' **Frac D sand as follows:**  
104,400# of 20/40 sand in 517 bbls of Boralgel. Breakdown @ 2710 psi. Treated @ avg rate of 30 bpm w/avg press of 1980 psi. ISIP-2325 psi, 5-min 2340 psi. Flowback on 12/64" ck for 4 hours and died.  
10/16/97 4989' - 5021' **Acid Soak PB sand**  
10/18/97 4824' - 4832' **Frac GB sand as follows:**  
38,200# 20/40 sand in 241 bbls of Boralgel. Breakdown @ 3720 psi. Treated @ avg press of 2350 psi w/avg rate of 17.7 BPM. ISIP-2506 psi, 5 min 2447 psi. Flowback on 12/64" ck for 2-1/2 hrs and died.  
9/11/02 Tubing leak. Update rod and tubing details.  
10/18/04 Parted rods. Updated rod details.  
10/27/05 Parted rods. Update rod and tubing details.  
05-25-06 Tubing Leak. Updated rod & tubing detail.  
09-29-06 Parted rods. Update rod & tubing detail.

## PERFORATION RECORD

10/12/97	5238'-5247'	4 JSPF	36 holes
10/12/97	5249'-5253'	4 JSPF	16 holes
10/12/97	5293'-5296'	4 JSPF	12 holes
10/12/97	5304'-5308'	4 JSPF	16 holes
10/15/97	5019'-5021'	4 JSPF	8 holes
10/15/97	4998'-5004'	4 JSPF	24 holes
10/15/97	4989'-4996'	4 JSPF	28 holes
10/17/97	4824'-4832'	4 JSPF	32 holes

SN LANDED @ 5334'

Anchor @ 5334'

EOT 5399'

Top of fill: 6150'

PBTD 6260'

TD @ 6310'

**NEWFIELD**

**MBFNE #12-24**

1930 FSL 659 FWL

NWSW Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-31923; Lease #U-67170

AHAm. E-12

# Fenceline Federal 6-24-8-16

Spud Date: 03/03/05  
Put on Production: 04/20/05  
GL: 5414' KB: 5426'

Initial Production: 82 BOPD,  
76 MCFD, 15 BWPD

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (301.06')  
DEPTH LANDED: 311.06' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 150 sks Class "G" Mix. Est 2 bbls cement to the pit

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 181 jts. (6613.50')  
DEPTH LANDED: 6611.50' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 375 sks Prem. Lite II mixed & 475 sks 50/50 POZ mix.  
CEMENT TOP AT: Surface

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 196 jts (6346.89')  
TUBING ANCHOR: 6358.89' KB  
NO. OF JOINTS: 2 jts (65.20')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 6426.89' KB  
NO. OF JOINTS: 2 jts (65.24')  
TOTAL STRING LENGTH: 6493.89' w/ 12' KB

### SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 1-2' x 7/8" pony rods, 97-7/8" guided rods, 102- 3/4" plain rods, 50- 3/4" scraped rods, 6- 1 1/2" weight rods.  
PUMP SIZE: 2 1/2" x 1 1/2" x 16" RHAC w/ SM plunger  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5 SPM  
LOGS: DIG/SP/GR, CBL

### FRAC JOB

04/14/05 6393'-6482' **Frac CP5, and CP4 sands as follows:**  
69,577# of 20/40 sand in 576 bbls lightning  
17 frac fluid. Treated @ avg press of 2655  
psi, w/avg rate of 24.3 bpm. ISIP 2040 psi.  
Calc flush: 6390 gal. Actual flush: 6426 gal.

04/15/05 6204'-6331' **Frac CP3, CP2, and CP1 sands as follows:**  
80,221# of 20/40 sand in 626 bbls lightning  
17 frac fluid. Treated @ avg press of 1681  
psi, w/avg rate of 26 bpm. ISIP 2000 psi.  
Calc flush: 6202 gal. Actual flush: 6147 gal.

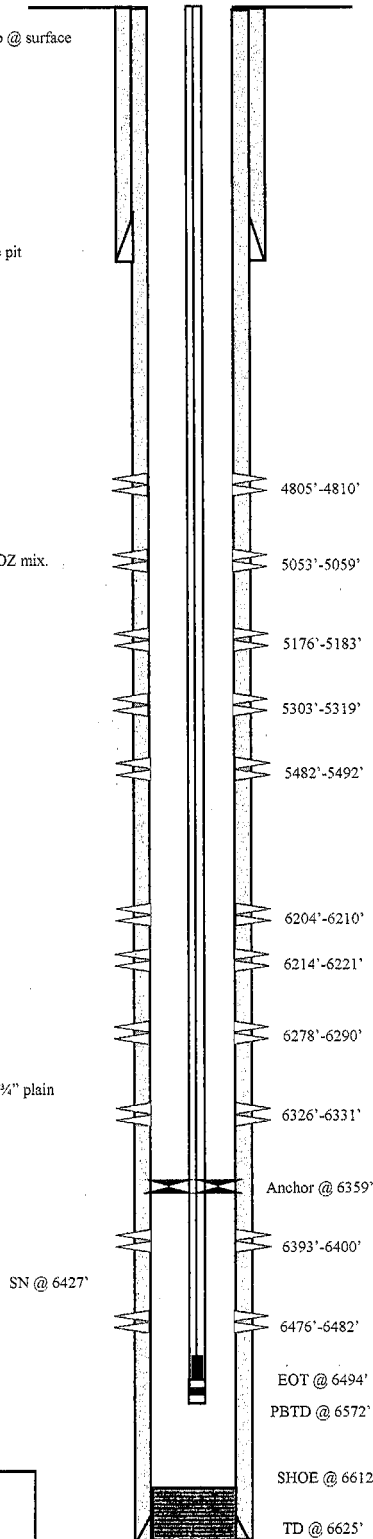
04/15/05 5482'-5492' **Frac C sands as follows:**  
39,906# of 20/40 sand in 431 bbls lightning  
17 frac fluid. Treated @ avg press of 2008  
psi, w/avg rate of 25.7 bpm. ISIP 2600 psi.  
Calc flush: 5480 gal. Actual flush: 5544 gal.

04/15/05 5303'-5319' **Frac D1 sands as follows:**  
49,420# of 20/40 sand in 435 bbls lightning  
17 frac fluid. Treated @ avg press of 1595  
psi, w/avg rate of 25.8 bpm. ISIP 2120 psi.  
Calc flush: 5301 gal. Actual flush: 5334 gal.

04/15/05 5053'-5183' **Frac DS1 and PB11 sands as follows:**  
25,158# of 20/40 sand in 292 bbls lightning  
17 frac fluid. Treated @ avg press of 2375  
psi, w/avg rate of 25.9 bpm. ISIP 2370 psi.  
Calc flush: 5051 gal. Actual flush: 5040 gal.

04/15/05 4805'-4810' **Frac GB6 sands as follows:**  
25,051# of 20/40 sand in 264 bbls lightning  
17 frac fluid. Treated @ avg press of 2265  
psi, w/avg rate of 23 bpm. ISIP 3820 psi.  
Calc flush: 4803 gal. Actual flush: 3234 gal.

11/09/06 **Tubing Leak.** Rod & Tubing detail updated.  
2-2-07 **Tubing Leak:** Updated rod and tubing detail.



### PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
04/05/05	6476'-6482'	4 JSPF	24 holes
04/05/05	6393'-6400'	4 JSPF	28 holes
04/14/05	6326'-6331'	4 JSPF	20 holes
04/14/05	6278'-6290'	4 JSPF	48 holes
04/14/05	6214'-6221'	4 JSPF	28 holes
04/14/05	6204'-6210'	4 JSPF	24 holes
04/15/05	5482'-5492'	4 JSPF	40 holes
04/15/05	5303'-5319'	4 JSPF	64 holes
04/15/05	5176'-5183'	4 JSPF	28 holes
04/15/05	5053'-5059'	4 JSPF	24 holes
04/15/05	4805'-4810'	4 JSPF	20 holes

### NEWFIELD

Fenceline Federal 6-24-8-16  
1975' FNL & 1954' FWL  
SE/NW Section 24-T8S-R16E  
Duchesne Co, Utah  
API #43-013-32362; Lease #UTU-74868

# Monument Butte Federal #4-25-8-16

Spud Date: 7/16/96

ut on Production: 8/14/96  
GL: 5454' KB: 5467'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 283.00' (7 jts.)  
DEPTH LANDED: 281.40' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 3 bbls to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 151 jts. (6355.35')  
DEPTH LANDED: 6351.35'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 320 sk Hyfill mixed & 360 sxs thixotropic  
CEMENT TOP AT: Surface per CBL

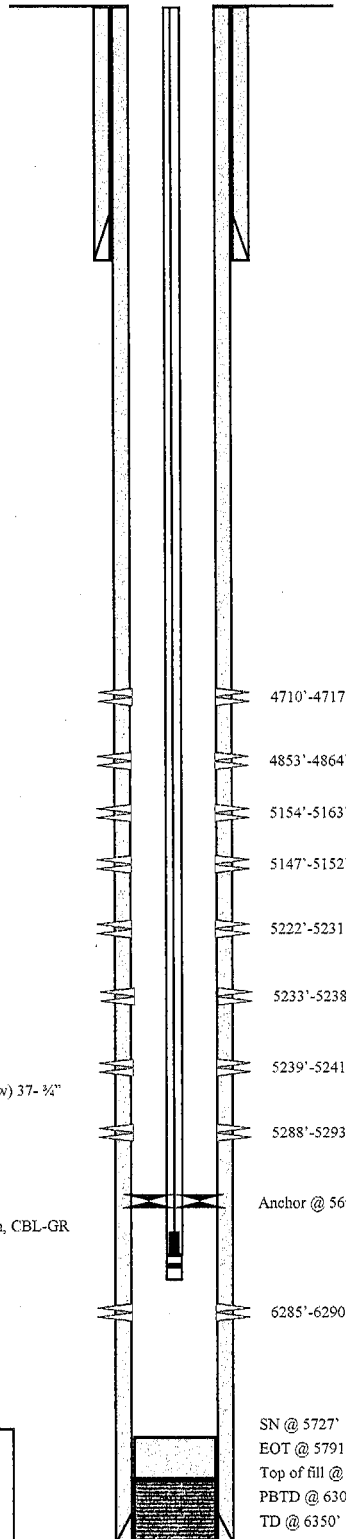
## TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 179 jts (5678.372)  
TUBING ANCHOR: 5691.37"  
NO. OF JOINTS: 1 jts (32.36')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5726.35'  
NO. OF JOINTS: 2 jts (62.64')  
TOTAL STRING LENGTH: EOT @ 5790.72'

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished  
SUCKER RODS: 6-1 1/2" wt rods, 105 - 3/4" guided rods (52 are new) 37- 3/4" plain rods, 80 - 3/4" guided rods, 4-4" x 3/4" pony rod.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC pump  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

## Wellbore Diagram



## FRAC JOB

Date	Depth Range	Details
8/2/96	6285'-6290'	Frac CP-5 sand as follows: 68,000# of 20/40 sand in 438 bbls of Boragel. Treated @ avg rate of 20.8 bpm w/avg press of 2200 psi. ISIP-2398 psi.
8/5/96	5147'-5293'	Frac D-1, D-2 & D-3 sands as follows: 138,000# of 20/40 sand in 706 bbls of Boragel. Treated @ avg rate of 32.5 bpm w/avg press of 1100 psi. ISIP-1900 psi.
8/7/96	4853'-4864'	Frac PB-10 sand as follows: 61,300# of 20/40 sand in 369 bbls of Boragel. Treated @ avg rate of 16.3 bpm w/avg press of 1750 psi. ISIP-2456 psi.
8/9/96	4710'-4717'	Frac GB-6 sand as follows: 68,700# of 20/40 sd in 385 bbls of Boragel. Treated @ avg rate of 16 bpm w/avg press of 2100 psi. ISIP-2834 psi.
1/29/02		Tubing leak. Update rod and tubing details.
7/23/02		Tubing leak. Update rod and tubing details.
12/24/03		Tubing leak. Update rod and tubing details.
7-29-05		Tubing leak. Update rod and tubing detail.

## PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
8/01/96	6285'-6290'	4 JSPF	24 holes
8/03/96	5288'-5293'	4 JSPF	20 holes
8/03/96	5239'-5241'	4 JSPF	8 holes
8/03/96	5233'-5238'	4 JSPF	20 holes
8/03/96	5222'-5231'	4 JSPF	36 holes
8/03/96	5147'-5152'	2 JSPF	10 holes
8/03/96	5154'-5163'	2 JSPF	18 holes
8/06/96	4853'-4864'	4 JSPF	44 holes
8/09/96	4710'-4717'	4 JSPF	32 holes



Monument Butte Federal #4-25-8-16  
660 FWL & 660 FNL  
NWNW Section 25-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31639; Lease #U-34346

West Coast Region  
5125 Boylan Street  
Bakersfield, CA 93308  
(661) 325-4138  
Lab Team Leader - Sheila Hernandez  
(432) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	43419
Lease/Platform:	MONUMENT BUTTE FEDERAL	Analysis ID #:	79308
Entity (or well #):	14-24-8-16	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary		Analysis of Sample 43419 @ 75 °F					
Sampling Date:	02/13/08	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	02/22/08	Chloride:	3202.0	90.32	Sodium:	2737.6	119.08
Analyst:	LISA HAMILTON	Bicarbonate:	1230.0	20.16	Magnesium:	0.3	0.02
TDS (mg/l or g/m3):	7477.7	Carbonate:	242.0	8.07	Calcium:	2.5	0.12
Density (g/cm3, tonne/m3):	1.005	Sulfate:	49.0	1.02	Strontium:	1.0	0.02
Anion/Cation Ratio:	1.0000000	Phosphate:			Barium:	3.0	0.04
		Borate:			Iron:	0.3	0.01
		Silicate:			Potassium:	10.0	0.26
Carbon Dioxide:		Hydrogen Sulfide:			Aluminum:		
Oxygen:		pH at time of sampling:			Chromium:		
Comments:		pH at time of analysis:		9.1	Copper:		
		pH used in Calculation:		9.1	Lead:		
					Manganese:	0.0	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO3		Gypsum CaSO4*2H2O		Anhydrite CaSO4		Celestite SrSO4		Barite BaSO4		CO2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.55	1.74	-4.02	0.00	-4.09	0.00	-2.62	0.00	0.98	1.74	0.01
100	0	0.53	1.39	-4.02	0.00	-4.02	0.00	-2.59	0.00	0.85	1.39	0.03
120	0	0.50	1.39	-4.01	0.00	-3.93	0.00	-2.54	0.00	0.74	1.39	0.05
140	0	0.48	1.39	-3.99	0.00	-3.82	0.00	-2.49	0.00	0.66	1.39	0.09

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

West Coast Region  
5125 Boylan Street  
Bakersfield, CA 83308  
(661) 325-4138  
Lab Team Leader - Sheila Hernandez  
(432) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	409372
Lease/Platform:	MONUMENT BUTTE FEDERAL	Analysis ID #:	78567
Entity (or well #):	INJECTION SYSTEM	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	TRIPLEX SUCTION		

Summary		Analysis of Sample 409372 @ 75 °F					
Sampling Date:	01/21/08	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	01/25/08	Chloride:	1529.0	43.13	Sodium:	1199.3	52.17
Analyst:	STACEY SMITH	Bicarbonate:	577.0	9.46	Magnesium:	18.0	1.48
TDS (mg/l or g/m3):	3497	Carbonate:	34.0	1.13	Calcium:	34.0	1.7
Density (g/cm3, tonne/m3):	1.002	Sulfate:	92.0	1.92	Strontium:	2.0	0.05
Anion/Cation Ratio:	1.0000003	Phosphate:			Barium:	5.0	0.07
		Borate:			Iron:	0.1	0.
		Silicate:			Potassium:	6.5	0.17
Carbon Dioxide:					Aluminum:		
Oxygen:		Hydrogen Sulfide:			Chromium:		
Comments:		pH at time of sampling:			Copper:		
		pH at time of analysis:		8.48	Lead:		
		pH used in Calculation:		8.48	Manganese:	0.050	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	1.00	17.46	-2.30	0.00	-2.37	0.00	-1.78	0.00	1.71	2.79	0.03
100	0	1.02	18.86	-2.31	0.00	-2.31	0.00	-1.76	0.00	1.57	2.79	0.05
120	0	1.05	20.26	-2.30	0.00	-2.23	0.00	-1.73	0.00	1.46	2.79	0.08
140	0	1.08	21.66	-2.29	0.00	-2.12	0.00	-1.69	0.00	1.37	2.79	0.12

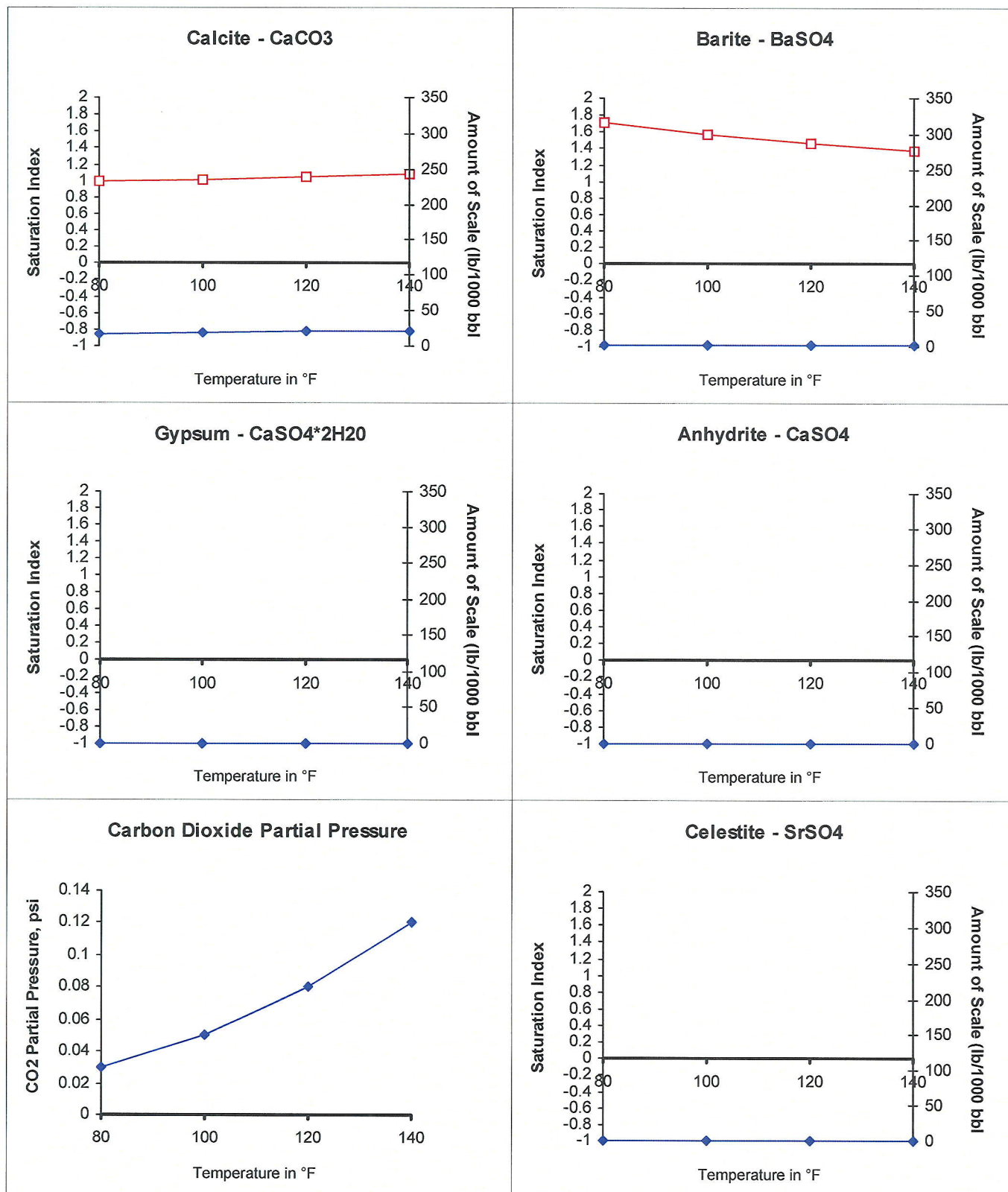
Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

## Scale Predictions from Baker Petrolite

Analysis of Sample 409372 @ 75 °F for NEWFIELD EXPLORATION, 01/25/08



## Attachment "G"

### Monument Butte 14-24-8-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax	
Top	Bottom					
5202	5396	5299	2039	0.82	2005	←
5072	5080	5076	2536	0.93	2503	
4711	4728	4720	4371	1.36	4340	
				Minimum	<u>2005</u>	

#### Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment 9-1

1 of 2

## Daily Completion Report

### MONUMENT BUTTE FEDERAL 14-24

SE/SW Sec. 24, 8S, 16E

Duchesne Co., Utah

API # 43-013-31630

Surf Spud Date: 5/22/96

Rotary Spud Date: 5/29/96

TD: 6320'

Comp Rig: Basin #2

#### 7/23/96 PO: Prep to perf. (Day 1)

Summary: 7/22/96 - MIRU Basin Rig #2. Unload tbg onto racks. PU & TIH w/4-3/4" bit, 5-1/2" scraper & 198 jts of 2-7/8" 6.5# LS tbg. Tag PBTD @ 6242'. Test csg to 3000#. RU swb. Swab well dn to 4900'. TOH w/tbg. LD bit & scraper. SIFN.  
DC: \$7,330 TWC: \$156,100

#### 7/24/96 SD to build battery.

#### 7/25/96 PO: Frac "D" & "C" sands. (Day 2)

Summary: 7/24/96 - TP: 0, CP: 0. RU Western Atlas & PERF "C" SD @ 5385-87', 5388-92', 5394-96' W/2 JSPF. PERF "D-3" SD @ 5288-5302' W/4 JSPF & "D-1" SD @ 5202-04', 5208-10' W/2 JSPF. TIH w/tbg to 6235'. RU swb. IFL @ 4800', swab dn to 6000', rec 28 BTF w/tr of oil (tight spot in tbg @ 5400'). SIFN.  
DC: \$4,865 TWC: \$160,965

#### 7/26/96 PO: Perforate. (Day 3)

Summary: 7/25/96 - TP: 0, CP: 350. Bleed gas off well. RU swb. IFL @ 5900', made 1 run, rec 1/4 BTF, FFL @ 6000'. TOH w/tbg. NU tree saver. RU Halliburton & Frac "D-1", "D-3", & "C" sd w/138,400# of 20/40 sd in 688 bbls Boragel. Break dn @ 2900 psi. Treated @ ave rate of 36 bpm w/ave press of 1970 psi. ISIP: 2039 psi, 5 min: 1980 psi. Flowback on 16/64 ck for 5 hrs & died. Rec 168 BTF w/tr of oil. SIFN. Est 520 BWTR.  
DC: \$25,425 TWC: \$186,390

#### 7/27/96 PO: Perforate "XY/DC" sd. (Day 4)

Summary: 7/26/96 - TIH w/5-1/2" BV plug. Set plug @ 5130'. Test plug to 3000#. RU swb. Swab dn f/sfc to 4600', rec 98 BTF. TOH w/tbg. SIFN. Est 422 BWTR.  
DC: \$1,895 TWC: \$188,285

#### 7/28/96 PO: Frac "XY/DC" sd. (Day 5)

Summary: 7/27/96 - TP: 0, CP: 0. RU Western Atlas & PERF "XY/DC" SD @ 5072-80' W/4 JSPF. TIH w/tbg to 5080'. RU swb. IFL @ 4400', made 9 runs, rec 16 BTF w/tr of oil, FFL @ 5000'. SIFN. Est 406 BWTR.  
DC: \$2,425 TWC: \$190,710

#### 7/29/96 SD for Sunday.

#### 7/30/96 PO: Perforate "GB-6" sd. (Day 6)

Summary: 7/29/96 - RU swb. IFL @ 4800', made 1 run w/no fluid rec, FFL @ 4800'. TOH w/tbg. NU tree saver. RU Halliburton & frac "XY/DC" zone w/72,900# of 20/40 sd in 401 bbls of Boragel. Break dn @ 2174 psi. Treated @ ave rate of 20 bpm w/ave press of 2450 psi. ISIP: 2536 psi, 5 min: 2409 psi. Flowback on 16/64" ck for 4 hrs & died. Rec 140 BTF. SIFN. Est 666 BWTR.  
DC: \$19,245 TWC: \$209,955





A Huddell G-1

2 of 2

## Daily Completion Report - Page Two

### MONUMENT BUTTE FEDERAL 14-24

SE/SW Sec. 24, 8S, 16E

Duchesne Co., Utah

API # 43-013-31630

Surf Spud Date: 5/22/96

Rotary Spud Date: 5/29/96

TD: 6320'

Comp Rig: Basin #2

#### 7/31/96 PO: Frac "GB-6" sand. (Day 7)

Summary: 7/30/96 - CP: 0. TIH w/BV plug. Tag sd @ 4763'. Set plug @ 4760'. Press test plug to 3000 psi. RU swb. IFL @ sfc, swb well dn to 3600', rec 79 BTF. TOH w/tbg. RU Western Atlas & PERF "GB-6" SD @ 4711-14', 4720-28' W/4 JSPF. TIH w/tbg to 4730'. RU swb. IFL @ 3600', made 7 runs, rec 19 BTF w/tr oil, FFL @ 4600'. SIFN. Est 568 BWTR. DC: \$3,470 TWC: \$213,425

#### 8/1/96 PO: Pull BV plugs. (Day 8)

Summary: 7/31/96 - TP: 0, CP: 50. RU swb. IFL @ 4500', made 1 run w/no fluid rec, FFL @ 4500'. TOH w/tbg. NU tree saver. RU Halliburton & frac "GB-6" sd w/85,300# of 20/40 sd in 401 bbls Boragel. Break dn @ 1510 psi. Treated @ ave rate of 20.5 bpm w/ave press of 2500 psi. ISIP: 3471 psi, 5 min: 3010 psi. Flowback on 16/64" ck for 3-1/2 hrs & died. Rec 160 BTF w/tr of sd. SIFN. Est 809 BWTR. DC: \$19,730 TWC: \$233,155

#### 8/2/96 PO: Swab well. (Day 9)

Summary: 8/1/96 - TP: 0, CP: 0. TIH w/tbg. Tag sd @ 4656'. Clean out sd to BV plug @ 4760'. Release plug. TOH LD BV plug. TIH w/RH. Tag sd @ 4765'. Clean out sd to BV plug @ 5130'. Release plug. TIH w/21 jts tbg. Tag sd @ 5797'. TOH w/tbg. LD BV plug. TIH w/prod string as follows: NC, 4 jts tbg, SN, 22 jts tbg, TA, 148 jts 2-7/8" 6.5# L.S. tbg (EOT @ 5489', SN @ 5362', TA @ 4667'). ND BOP. Set TA w/10,000# tension. NU wellhead. SIFN. Est 809 BWTR. DC: \$2,075 TWC: \$235,230

#### 8/3/96 PO: Run rods & POP. (Day 10)

Summary: 8/2/96 - RU swb. IFL @ sfc, made 28 runs in 9-1/2 hrs, rec 369 BTF (353 BW, 16 BO), 20% oil on last 4 runs, FFL @ 2300' w/good gas blow after each run, tr of sd. SIFN. Est 456 BWTR. DC: \$2,285 TWC: \$237,515

#### 8/4/96 PO: Put well on production. (Day 11)

Summary: 8/3/96 - TP: 400, CP: 450. Bleed gas press off. IFL @ 1200', made 5 runs, rec 82 BTF (65 BW, 17 BO), FFL @ 1800'. TIH w/2-1/2" x 1-1/2" x 10' x 15' RHAC pump, 4 - 1-1/2" wt rods, 4 - 3/4" scraped, 110 - 3/4" slick, 96 - 3/4" scraped & 1-6' pony rod. PU polish rod, seat pump, fill tbg w/12 bbls KCl wtr, stroke to 500 psi, held good. Hang horsehead. RDMO. PUT WELL ON PRODUCTION @ 3:00 PM, 8/3/96 W/86" SL @ 6 SPM. Est 403 BWTR. DC: \$125,870 TWC: \$363,385

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 4616'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. Plug #3 Pump 41 Class G Cement down 5 -1/2" casing to 351.

The approximate cost to plug and abandon this well is \$35,401.

Attachment

H-1

## Monument Butte Federal #14-24-8-16

Spud Date: 5/29/96  
 Put on Production: 8/3/96  
 GL: 5430' KB: 5442'

Initial Production: 76 BOPD,  
 96 MCFFD, 11 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(307.10')  
 DEPTH LANDED: 301.10'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, mixed, 50 sxs Premium Plus mixed, est 9 bbls cement to surf.

Cement Top @  
 0'

Proposed P & A  
Wellbore Diagram

Pump 41 sx Class G Cement down 5 -1/2" casing to 351'

Casing Shoe @ 301'

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 152 jts.(6294.61')  
 DEPTH LANDED: 6288.61'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 330 sk Hyfill std mixed & 390 sxs Thixo mixed.  
 CEMENT TOP AT: Surface (estimate from cbl)

200' Balanced Plug (25 sx) Class G Cement over water zone 2000' - 2200'

100' (12 sx) Class G Cement plug on top of CIBP  
 CIBP @ 4616'

4711'-4714'

4720'-4728'

5072'-5080'

5202'-5204'

5208'-5210'

5288'-5302'

5385'-5387'

5388'-5392'

5394'-5396'

Top of Fill @ 5800'

PBTD 6242'

SHOE @ 6289'

TD @ 6320'

NEWFIELD



Monument Butte Federal #14-24-8-16

660 FSL & 1980 FWL

SESW Section 24-T8S-R16E

Duchesne Co, Utah

API #43-013-31630; Lease #UTU-67170

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
660 FSL 1980 FWL  
SESW Section 24 T8S R16E

5. Lease Serial No.

USA UTU-67170

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

MON BUTTE NE

8. Well Name and No.

MONUMENT BUTTE FED 14-24

9. API Well No.

4301331630

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Eric Sundberg  
Signature

Title

Regulatory Analyst

Date

2/25/08

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

April 21, 2008

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Monument Butte Northeast Unit Well; Monument Butte Federal 14-24-8-16, Section 24, Township 8 South, Range 16 East, Duchesne County, Utah

Mr. Eric Sundberg,

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

The Division will issue an Underground Injection Control Permit after the above stipulations have been met. If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

Gil Hunt  
Associate Director

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Newfield Production Company, Myton  
Duchesne County  
Well File



**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Monument Butte Federal 14-24-8-16

**Location:** 24/8S/16E      **API:** 43-013-31630

**Ownership Issues:** The proposed well is located on Federal land. The well is located in the Monument Butte Northeast Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Monument Butte Northeast Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 301 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,289 feet. A cement bond log demonstrates adequate bond in this well up to 3,590 feet. A 2 7/8 inch tubing with a packer will be set at 4,676 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells, 4 injection wells and 1 shut-in well in the area of review. All of the wells have evidence of adequate casing and cement. No other corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is approximately 430 feet. Injection shall be the interval between 4,473 feet and 6,288 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 14-24'-8-16 well is .82 psi/ft which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,005 psig. The requested maximum pressure is 2,005 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Monument Butte Federal 14-24-8-16**

**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Monument Butte Northeast Unit March 5, 1996. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM.

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Clinton Dworshak Date 03/18/2008

**NOTICE OF  
AGENCY  
ACTION  
CAUSE NO.  
UIC 344**

BEFORE THE DIVI-  
SION OF OIL, GAS AND  
MINING

DEPARTMENT OF  
NATURAL RESOURC-  
ES

STATE OF UTAH  
THE STATE OF UTAH  
TO ALL PERSONS IN-  
TERESTED IN THE  
ABOVE ENTITLED  
MATTER.

Notice is hereby given  
that the Division of Oil,  
Gas and Mining (the "Di-  
vision") is commencing

an informal adjudicative proceeding to consider the application of the Newfield Exploration Company for administrative approval of the Hawkeye 10-23-8-16 well, located in NW/4 SE/4 Section 23, Monument Butte Federal 14-24-8-16 well, located in SE/4 SW/4 Section 24, Monument Butte Federal 4-25-8-16 well, located in NW/4 NW/4 Section 25, Monument Butte Federal 2-25-8-16 well, located in NW/4 NE/4 Section 25, Monument Butte 16-2-9-16 well located in SE/4 SE/4 Section 2, South Wells Draw 14-2-9-16 well located SE/4 SW/4 in Section 2, Monument Butte 10-2-9-16 well located in NW/4 SE/4 Section 2, Monument Butte 6-2-9-16 well located SE/4 NW/4 in Section 2, Monument Butte 2-2-9-16 well located in NW/4 NE/4 Section 2, South Wells Draw 15-3-9-16 well located in SW/4 SE/4 Section 3, South Wells Draw 7-3-9-16 well located in SW/4 NE/4 Section 3, South Wells Draw 9-3-9-16 well located in NE/4 SE/4 Section 3, Wells Draw Federal 11-4G-9-16 well located in NW/4 NW/4 Section 4, Wells Draw 6-4G-9-16 well located in SE/4 NW/4 Section 4, Jonah Federal 15-15-9-16 well located in SW/4 SE/4 Section 15, West Point Federal 5-18-9-16 well located in SW/4 NW/4 Section 18, West Point Federal 7-18-9-16 well located in SW/4 NE/4 Section 18, West Point Federal 3-18-9-16 well located in NE/4 NW/4 Section 18, Township 9 South, Range 16 East, Salt Lake Meridian, Duchesne, Utah, for conversion to Class II injection wells. These wells are located in the Hawkeye, Monument Butte, South Wells Draw, Jonah and West Point Units respectively. The adjudicative proceedings will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Newfield Exploration Company.

Any person desiring to object to the proposed application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of  
March, 2008

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
Gil Hunt

Associate Director  
Published in the Uintah  
Basin Standard March 25,  
2008.



**From:** Bonnie <bonnie@ubstandard.com>  
**To:** <jsweet@utah.gov>  
**Date:** 03/21/2008 3:46 PM  
**Subject:** Legals run dates

Jean,

Legals UIC 066.2, UIC 345, UIC 346 and UIC 344 will all run in our March 25th issue.

Thank you,

Bonnie Parrish  
Uintah Basin Standard  
435-722-5131



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-67170
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: MON BUTTE NE
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 660 FSL 1980 FWL		8. WELL NAME and NUMBER: MONUMENT BUTTE FED 14-24
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 24, T8S, R16E		9. API NUMBER: 4301331630
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <u>02/05/2009</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above listed well was converted to an injection well on 2/5/09.

On 2/10/09 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 2/11/09. On 2/11/09 the csg was pressured up to 1430 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 0 psig during the test. There was not a State representative available to witness the test.

API # 43-013-31630

NAME (PLEASE PRINT) <u>Callie Ross</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u><i>Callie Ross</i></u>	DATE <u>02/17/2009</u>

(This space for State use only)

**RECEIVED**  
**FEB 23 2009**  
DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 2/11/09 Time 9:00 am pm

Test Conducted by: DAVE CLOWARD

Others Present: \_\_\_\_\_

Well: MONUMENT BUTTE FEDERAL  
14-24-8-16

Field: MONUMENT BUTTE FEDERAL  
UTU-67170

Well Location: MONUMENT BUTTE FEDERAL  
SE/SW SEC. 24 T8S R16E

API No: 43-013-31630

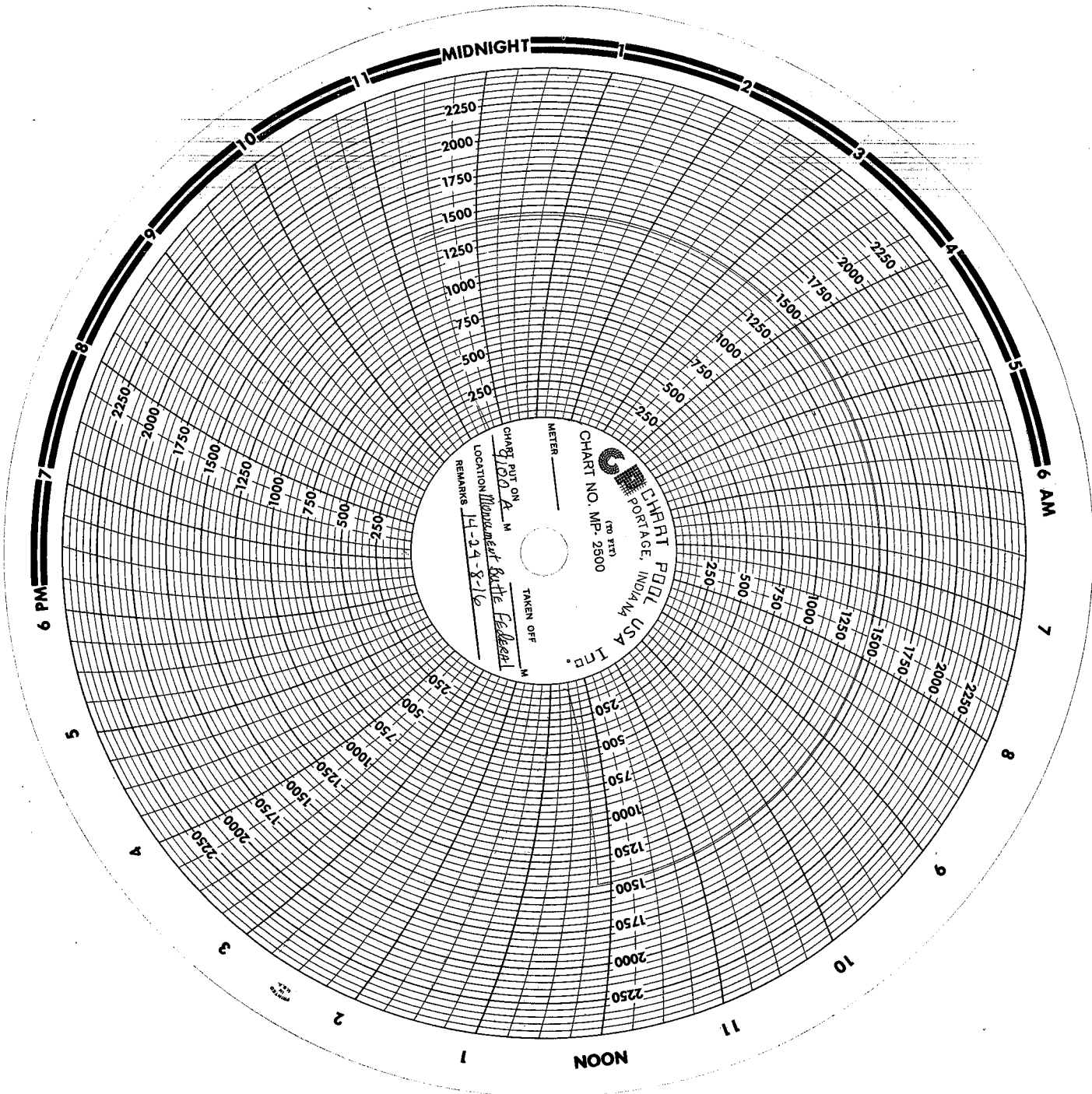
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1430</u>	psig
5	<u>1430</u>	psig
10	<u>1430</u>	psig
15	<u>1430</u>	psig
20	<u>1430</u>	psig
25	<u>1430</u>	psig
30 min	<u>1430</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: David Cloward



**MON BT 14-24-8-16**  
**12/1/2008 To 4/28/2009**

**2/4/2009 Day: 1****Conversion**

Stone #5 on 2/3/2009 - 2/2/2009: MIRU Stone #5. rig sinks on driller side. RD rig. Haul in rock & fill in hole. RUSU. Sinks again. RD rig & move in more rock. WO T-seal. 2/3/2009: Set T-seal & RUSU. RU HO trk & pump 70 BW dn annulus @ 250°F. RD pumping unit & unseat pump. Flush tbg & rods W/ BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 8 BW & pressure up to 3000 psi--tbg ruptured. Retrieve rod string & unseat pump. LD rod string and pump. Re-flushed W/ add'l 30 BW on TOH. ND wellhead & release TA @ 5359'. NU BOP. TOH & talley tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 72 jts. SIFN.

**2/5/2009 Day: 2****Conversion**

Stone #5 on 2/4/2009 - Cont TOH & talley tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD BHA & btm 26 jts tbg. MU & TIH W/ injection string as follows: new Weatherford 5 1/2" Arrowset 1-X pkr (W/ W.L. re-entry guide & hardened steel slips), new SN (W/ standing valve in place) & 148 jts 2 7/8 8rd 6.5# M-50 tbg. RU HO trk & pressure test to 3000 psi. Fill & test to 3000 psi. Held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. SIFN.

**2/6/2009 Day: 3****Conversion**

Stone #5 on 2/5/2009 - Mix 15 gals Multi-Chem C-6031 & 5 gals B-8625 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4670', CE @ 4674' & EOT @ 4678'. Land tbg W/ 16,000# tension. NU wellhead. Pressure test casing & pkr to 1400 psi. Held solid for 30 minutes. RDMOSU. Well ready for MIT.

**2/12/2009 Day: 4****Conversion**

Rigless on 2/11/2009 - On 2/10/09 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (MB 14-24-8-16). Permission was given at that time to perform the test on 2/11/09. On 2/11/09 the csg was pressured up to 1430 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. API # 43-013-31630



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-344

Operator: Newfield Production Company  
Well: Monument Butte Federal 14-24-8-16  
Location: Section 24, Township 8 South, Range 16 East  
County: Duchesne  
API No.: 43-013-31630  
Well Type: Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 21, 2008.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,473' - 6,288')

Approved by:

  
Gil Hunt  
Associate Director

3-2-09  
Date

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: MON BUTTE NE
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: MONUMENT BUTTE FED 14-24
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 660 FSL 1980 FWL.		9. API NUMBER: 4301331630
OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: SESW, 24, T8S, R16E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
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	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion 02/05/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER:
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above listed well was converted to an injection well on 2/5/09.

On 2/10/09 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 2/11/09. On 2/11/09 the csg was pressured up to 1430 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test.

API # 43-013-31630

RECEIVED  
MAY 06 2009  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Callie Ross TITLE Production Clerk  
SIGNATURE DATE 02/17/2009





### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 14-24-8-16Report Date: Feb. 4, 2009Day: 1Operation: ConversionRig: Stone #5

#### WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" @ 6289' WT: 15.5# Csg PBTD: 6242'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Anchor@: 5356' BP/Sand PBTD: 5800'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4711-4714'	4/12	D3 sds	5288-5302'	4/56
GB6 sds	4720-4728'	4/32	C sds	5385-5387'	2/4
XY/DC sds	5072-5080'	4/32	C sds	5388-5392'	2/8
D1 sds	5202-5204'	4/8	C sds	5394-5396'	2/4
D1 sds	5208-5210'	4/8			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 3, 2009SITP: 0 SICP: 0

2/2/2009: MIRU Stone #5. rig sinks on driller side. RD rig. Haul in rock & fill in hole. RUSU. Sinks again. RD rig & move in more rock. WO T-seal.

2/3/2009: Set T-seal & RUSU. RU HO trk & pump 70 BW dn annulus @ 250°F. RD pumping unit & unseat pump. Flush tbg & rods W/ BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 8 BW & pressure up to 3000 psi--tbg ruptured. Retrieve rod string & unseat pump. LD rod string and pump. Re-flushed W/ add'l 30 BW on TOH. ND wellhead & release TA @ 5359'. NU BOP. TOH & talley tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 72 jts. SIFN.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: \_\_\_\_\_ Starting oil rec to date: 0  
Fluid lost/recovered today: \_\_\_\_\_ Oil lost/recovered today: 0  
Ending fluid to be recovered: \_\_\_\_\_ Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

#### TUBING DETAIL

KB 13.00'  
170 2 7/8 M-50 tbg (53556.80')  
TA (2.80' @ 5359.40 KB)  
2 2 7/8 M-50 tbg (62.89')  
SN (1.10' @ 5423.33 KB)  
2 2 7/8 M-50 tbg (62.94')  
2 7/8 NC (.55')  
EOT 5486.72' W/ 13' KB  
\_\_\_\_\_  
\_\_\_\_\_

#### ROD DETAIL

1 1/2" X 22' polished rod  
1-8', 2-6' pony rods  
94 3/4" guided rods  
50 Plain rods  
64 3/4" guided rods  
6 1 1/2" wt bars  
2 1/2" X 1 1/2" X 10'X14' RHAC  
CDI pump  
\_\_\_\_\_  
\_\_\_\_\_



**Day: 2**

Rig: Stone #5

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" @ 6289' WT: 15.5# Csg PBTD: 6242'  
Tba: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT @: BP/Sand PBTD: 5800'

<u>Zone</u>	<u>Perfs</u>	<u>SPF#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF#shots</u>
GB6 sds	4711-4714'	4/12	D3 sds	5288-5302'	4/56
GB6 sds	4720-4728'	4/32	C sds	5385-5387'	2/4
XY/DC sds	5072-5080'	4/32	C sds	5388-5392'	2/8
D1 sds	5202-5204'	4/8	C sds	5394-5396'	2/4
D1 sds	5208-5210'	4/8			

**Date Work Performed:** Feb. 4, 2009 **SITP:** 0 **SICP:** 0

Cont TOH & talley tbq. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD BHA & btm 26 jts tbq. MU & TIH W/ injection string as follows: new Weatherford 5 1/2" Arrowset 1-X pkr (W/ W.L. re-entry guide & hardened steel slips), new SN (W/ standing valve in place) & 148 jts 2 7/8 8rd 6.5# M-50 tbq. RU HO trk & pressure test to 3000 psi. Fill & test to 3000 psi. Held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbq on flange. SIFN.

Starting fluid load to be recovered: _____	Starting oil rec to date: _____	0
Fluid <u>lost</u> /recovered today: _____	Oil lost/recovered today: _____	0
Ending fluid to be recovered: _____	Cum oil recovered: _____	0
IFL: _____ FFL: _____ FTP: _____	Choke: _____	Final Fluid Rate: _____
		Final oil cut: _____

[illegible]

**Workover Supervisor:** Gary Dietz



### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 14-24-8-16Report Date: Feb. 6, 2009Day: 3Operation: ConversionRig: Stone #5

#### WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" @ 6289' WT: 15.5# Csg PBTD: 6242'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT @: 4674' BP/Sand PBTD: 5800'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4711-4714'	4/12	D3 sds	5288-5302'	4/56
GB6 sds	4720-4728'	4/32	C sds	5385-5387'	2/4
XY/DC sds	5072-5080'	4/32	C sds	5388-5392'	2/8
D1 sds	5202-5204'	4/8	C sds	5394-5396'	2/4
D1 sds	5208-5210'	4/8			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 5, 2009SITP: 0 SICP: 0

Mix 15 gals Multi-Chem C-6031 & 5 gals B-8625 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4670', CE @ 4674' & EOT @ 4678'. Land tbg W/ 16,000# tension. NU wellhead. Pressure test casing & pkr to 1400 psi. Held solid for 30 minutes. RDMOSU.  
Well ready for MIT.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: \_\_\_\_\_ Starting oil rec to date: 0  
Fluid lost/recovered today: \_\_\_\_\_ Oil lost/recovered today: 0  
Ending fluid to be recovered: \_\_\_\_\_ Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

#### INJECTION TUBING DETAIL

KB	13.00'
148 jts 2 7/8 M-50 tbg	4656.56'
2 7/8 SN	1.10' @ 4669.56' KB
5 1/2" Arrowset 1-X pkr (7.40')	
	CE @ 4673.91' KB
	EOT @ 4678.06' KB

Workover Supervisor: Gary Dietz



### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 14-24-8-16Report Date: 2-12-09Day: 4Operation: ConversionRig: NA

#### WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" @ 6289' WT: 15.5# Csg PBTD: 6242'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT @: 4674' BP/Sand PBTD: 5800'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
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D1 sds	5202-5204'	4/8	C sds	5394-5396'	2/4
D1 sds	5208-5210'	4/8			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: 2-11-09SITP: 0 SICP: 0

On 2/10/09 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (MB 14-24-8-16). Permission was given at that time to perform the test on 2/11/09. On 2/11/09 the csg was pressured up to 1430 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test.

API # 43-013-31630

#### FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: \_\_\_\_\_ Starting oil rec to date: 0  
Fluid lost/recovered today: \_\_\_\_\_ Oil lost/recovered today: 0  
Ending fluid to be recovered: \_\_\_\_\_ Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

#### INJECTION TUBING DETAIL

KB	13.00'
148 jts 2 7/8 M-50 tbg	4656.56'
2 7/8 SN	1.10' @ 4669.56' KB
5 1/2" Arrowset 1-X pkr (7.40')	
	CE @ 4673.91' KB
	EOT @ 4678.06' KB

Workover Supervisor: JD Horrocks

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-67170
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: MON BUTTE NE
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 660 FSL 1980 FWL		8. WELL NAME and NUMBER: MONUMENT BUTTE FED 14-24
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 24, T8S, R16E		9. API NUMBER: 4301331630
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  02/05/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above listed well was converted to an injection well on 2/5/09.

On 2/10/09 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 2/11/09. On 2/11/09 the csg was pressured up to 1430 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test.

API # 43-013-31630

**RECEIVED**  
**MAY 06 2009**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Callie Ross</u>	TITLE <u>Production Clerk</u>
SIGNATURE _____	DATE <u>02/17/2009</u>



# DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 14-24-8-16

Report Date: Feb. 4, 2009

Day: 1

Operation: Conversion

Rig: Stone #5

## WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" @ 6289' WT: 15.5# Csg PBTD: 6242'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Anchor@: 5356' BP/Sand PBTD: 5800'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	<u>4711-4714'</u>	<u>4/12</u>	D3 sds	<u>5288-5302'</u>	<u>4/56</u>
GB6 sds	<u>4720-4728'</u>	<u>4/32</u>	C sds	<u>5385-5387'</u>	<u>2/4</u>
XY/DC sds	<u>5072-5080'</u>	<u>4/32</u>	C sds	<u>5388-5392'</u>	<u>2/8</u>
D1 sds	<u>5202-5204'</u>	<u>4/8</u>	C sds	<u>5394-5396'</u>	<u>2/4</u>
D1 sds	<u>5208-5210'</u>	<u>4/8</u>			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 3, 2009

SITP: 0 SICP: 0

2/2/2009: MIRU Stone #5. rig sinks on driller side. RD rig. Haul in rock & fill in hole. RUSU. Sinks again. RD rig & move in more rock. WO T-seal.

2/3/2009: Set T-seal & RUSU. RU HO trk & pump 70 BW dn annulus @ 250°F. RD pumping unit & unseat pump. Flush tbg & rods W/ BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 8 BW & pressure up to 3000 psi--tbg ruptured. Retrieve rod string & unseat pump. LD rod string and pump. Re-flushed W/ add'l 30 BW on TOH. ND wellhead & release TA @ 5359'. NU BOP. TOH & talley tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Out W/ 72 jts. SIFN.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: _____	Starting oil rec to date: <u>0</u>
Fluid lost/recovered today: _____	Oil lost/recovered today: <u>0</u>
Ending fluid to be recovered: _____	Cum oil recovered: <u>0</u>
IFL: _____ FFL: _____ FTP: _____	Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

## TUBING DETAIL

KB 13.00'  
170 2 7/8 M-50 tbg (53556.80')  
TA (2.80' @ 5359.40 KB)  
2 2 7/8 M-50 tbg (62.89')  
SN (1.10' @ 5423.33 KB)  
2 2 7/8 M-50 tbg (62.94')  
2 7/8 NC (.55')  
EOT 5486.72' W/ 13' KB  
\_\_\_\_\_  
\_\_\_\_\_

## ROD DETAIL

1 1/2" X 22' polished rod  
1-8', 2-6' pony rods  
94 3/4" guided rods  
50 Plain rods  
64 3/4" guided rods  
6 1 1/2" wt bars  
2 1/2" X 1 1/2" X 10'X14' RHAC  
CDI pump  
\_\_\_\_\_  
\_\_\_\_\_



# DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 14-24-8-16

Report Date: Feb. 5, 2009

Day: 2

Operation: Conversion

Rig: Stone #5

## WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" @ 6289' WT: 15.5# Csg PBTD: 6242'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT @: BP/Sand PBTD: 5800'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	<u>4711-4714'</u>	<u>4/12</u>	D3 sds	<u>5288-5302'</u>	<u>4/56</u>
GB6 sds	<u>4720-4728'</u>	<u>4/32</u>	C sds	<u>5385-5387'</u>	<u>2/4</u>
XY/DC sds	<u>5072-5080'</u>	<u>4/32</u>	C sds	<u>5388-5392'</u>	<u>2/8</u>
D1 sds	<u>5202-5204'</u>	<u>4/8</u>	C sds	<u>5394-5396'</u>	<u>2/4</u>
D1 sds	<u>5208-5210'</u>	<u>4/8</u>			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 4, 2009

SITP: 0 SICP: 0

Cont TOH & talley tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD BHA & btm 26 jts tbg. MU & TIH W/ injection string as follows: new Weatherford 5 1/2" Arrowset 1-X pkr (W/ W.L. re-entry guide & hardened steel slips), new SN (W/ standing valve in place) & 148 jts 2 7/8 8rd 6.5# M-50 tbg. RU HO trk & pressure test to 3000 psi. Fill & test to 3000 psi. Held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. SIFN.

## FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: _____	Starting oil rec to date: <u>0</u>
Fluid <u>lost</u> /recovered today: _____	Oil lost/recovered today: <u>0</u>
Ending fluid to be recovered: _____	Cum oil recovered: <u>0</u>
IFL: _____ FFL: _____ FTP: _____	Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

## INJECTION TUBING DETAIL

Workover Supervisor: Gary Dietz



# DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 14-24-8-16

Report Date: Feb. 6, 2009

Day: 3

Operation: Conversion

Rig: Stone #5

## WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" @ 6289' WT: 15.5# Csg PBTD: 6242'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT @: 4674' BP/Sand PBTD: 5800'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	<u>4711-4714'</u>	<u>4/12</u>	D3 sds	<u>5288-5302'</u>	<u>4/56</u>
GB6 sds	<u>4720-4728'</u>	<u>4/32</u>	C sds	<u>5385-5387'</u>	<u>2/4</u>
XY/DC sds	<u>5072-5080'</u>	<u>4/32</u>	C sds	<u>5388-5392'</u>	<u>2/8</u>
D1 sds	<u>5202-5204'</u>	<u>4/8</u>	C sds	<u>5394-5396'</u>	<u>2/4</u>
D1 sds	<u>5208-5210'</u>	<u>4/8</u>			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Feb. 5, 2009

SITP: 0 SICP: 0

Mix 15 gals Multi-Chem C-6031 & 5 gals B-8625 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4670', CE @ 4674' & EOT @ 4678'. Land tbg W/ 16,000# tension. NU wellhead. Pressure test casing & pkr to 1400 psi. Held solid for 30 minutes. RDMOSU.  
Well ready for MIT.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: \_\_\_\_\_ Starting oil rec to date: 0  
Fluid lost/recovered today: \_\_\_\_\_ Oil lost/recovered today: 0  
Ending fluid to be recovered: \_\_\_\_\_ Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

## INJECTION TUBING DETAIL

KB	<u>13.00'</u>
148 jts 2 7/8 M-50 tbg	<u>4656.56'</u>
2 7/8 SN	<u>1.10' @ 4669.56' KB</u>
5 1/2" Arrowset 1-X pkr (7.40')	
	<u>CE @ 4673.91' KB</u>
	<u>EOT @ 4678.06' KB</u>

Workover Supervisor: Gary Dietz





### DAILY WORKOVER REPORT

WELL NAME: Monument Butte Federal 14-24-8-16Report Date: 2-12-09Day: 4Operation: ConversionRig: NA

#### WELL STATUS

Surf Csg: 8 5/8 @ 302' Prod Csg: 5 1/2" @ 6289' WT: 15.5# Csg PBTD: 6242'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: M-50 Pkr/EOT @: 4674' BP/Sand PBTD: 5800'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4711-4714'	4/12	D3 sds	5288-5302'	4/56
GB6 sds	4720-4728'	4/32	C sds	5385-5387'	2/4
XY/DC sds	5072-5080'	4/32	C sds	5388-5392'	2/8
D1 sds	5202-5204'	4/8	C sds	5394-5396'	2/4
D1 sds	5208-5210'	4/8			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: 2-11-09SITP: 0 SICP: 0

On 2/10/09 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (MB 14-24-8-16). Permission was given at that time to perform the test on 2/11/09. On 2/11/09 the csg was pressured up to 1430 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test.

API # 43-013-31630

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: \_\_\_\_\_ Starting oil rec to date: 0  
Fluid lost/recovered today: \_\_\_\_\_ Oil lost/recovered today: 0  
Ending fluid to be recovered: \_\_\_\_\_ Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

#### INJECTION TUBING DETAIL

KB	13.00'
148 jts 2 7/8 M-50 tbg	4656.56'
2 7/8 SN	1.10' @ 4669.56' KB
5 1/2" Arrowset 1-X pkr (7.40')	
	CE @ 4673.91' KB
	EOT @ 4678.06' KB

Workover Supervisor: JD Horrocks

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-67170
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 660 FSL 1980 FWL		8. WELL NAME and NUMBER: MONUMENT BUTTE FED 14-24
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 24, T8S, R16E		9. API NUMBER: 4301331630
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will 02/01/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 1:00 PM on 02-01-2010.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant  
SIGNATURE  DATE 02/01/2010

(This space for State use only)

RECEIVED  
FEB 04 2010  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FSL 1980 FWL

SESW Section 24 T8S R16E

5. Lease Serial No.

USA UTU-67170

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED 14-24

9. API Well No.

4301331630

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Put on Injection _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 1:00 PM on 02-01-2010.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

02/01/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

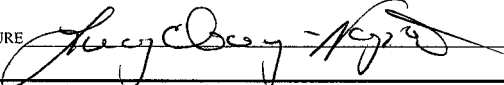
1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-67170
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 660 FSL 1980 FWL		8. WELL NAME and NUMBER: MONUMENT BUTTE FED 14-24
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 24, T8S, R16E		9. API NUMBER: 4301331630
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will 02/01/2010	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Put on Injection
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 1:00 PM on 02-01-2010.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant  
SIGNATURE  DATE 02/01/2010

(This space for State use only)

RECEIVED  
FEB 04 2010  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FSL 1980 FWL

SESW Section 24 T8S R16E

5. Lease Serial No.

USA UTU-67170

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

GMBU

8. Well Name and No.

MONUMENT BUTTE FED 14-24

9. API Well No.

4301331630

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Put on Injection _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 1:00 PM on 02-01-2010.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

02/01/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

Title

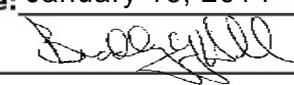
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office


Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-67170
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MONUMENT BUTTE FED 14-24
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0660 FSL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 24 Township: 08.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013316300000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/14/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>On 01/09/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 01/14/2014 the casing was pressured up to 1158 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1566 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p> </div> <div style="width: 25%; text-align: right;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p><b>Date:</b> January 16, 2014</p> <p><b>By:</b> </p> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 1/16/2014

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness:  Date 1/14/14 Time 10:00 am pm  
Test Conducted by: INAKI LASA  
Others Present: \_\_\_\_\_

5 YEAR MIT

Well: MON BUTTE FED 14-24-8-16  
S/E S/W SEC. 24, T8S, R 16E

Field: GREATER MONUMENT BUTTE

Well Location:

API No: 430 133 1630

DUCHESNE COUNTY, UTAH.

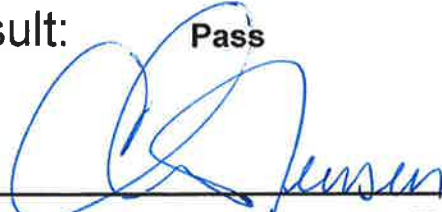
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>14.6</u>	psig
5	<u>1,157.4</u>	psig
10	<u>1,157.4</u>	psig
15	<u>1,157.8</u>	psig
20	<u>1,157.4</u>	psig
25	<u>1,157.8</u>	psig
30 min	<u>1,157.8</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1,566 psig

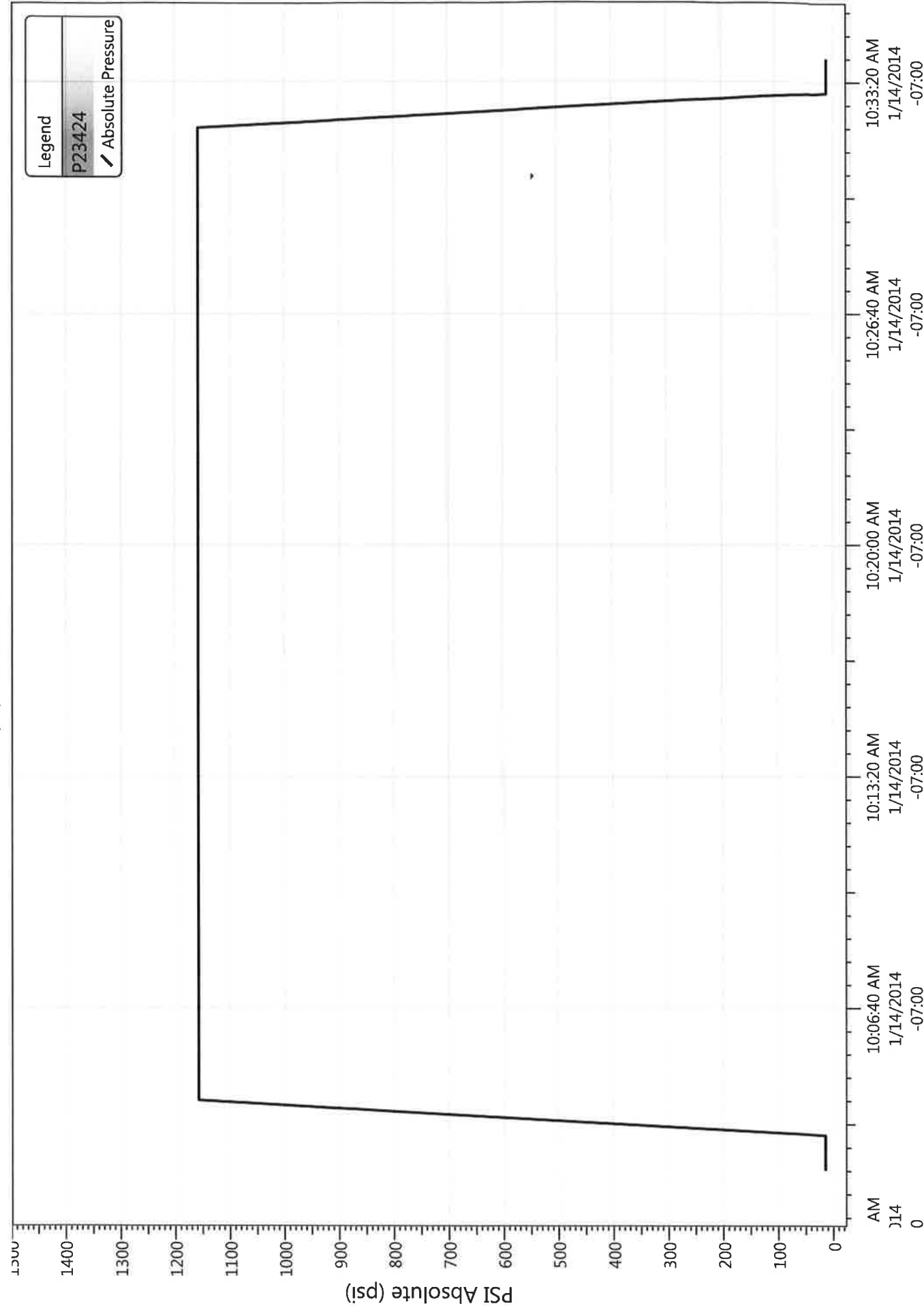
Result: Pass Fail

Signature of Witness:

Signature of Person Conducting Test:

  
INAKI LASA

Mon Butte Fed 14-24-8-16  
1/14/2014 10:01:33 AM





# Monument Butte Federal #14-24-8-16

Spud Date: 5/29/96  
Put on Production: 8/3/96  
GL: 5430' KB: 5442'

Initial Production: 76 BOPD.  
95 MCFPD, 11 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (307.10')  
DEPTH LANDED: 301.10'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cement, mixed, 50 sxs Premium Plus mixed, est 9 bbls cement to surf.

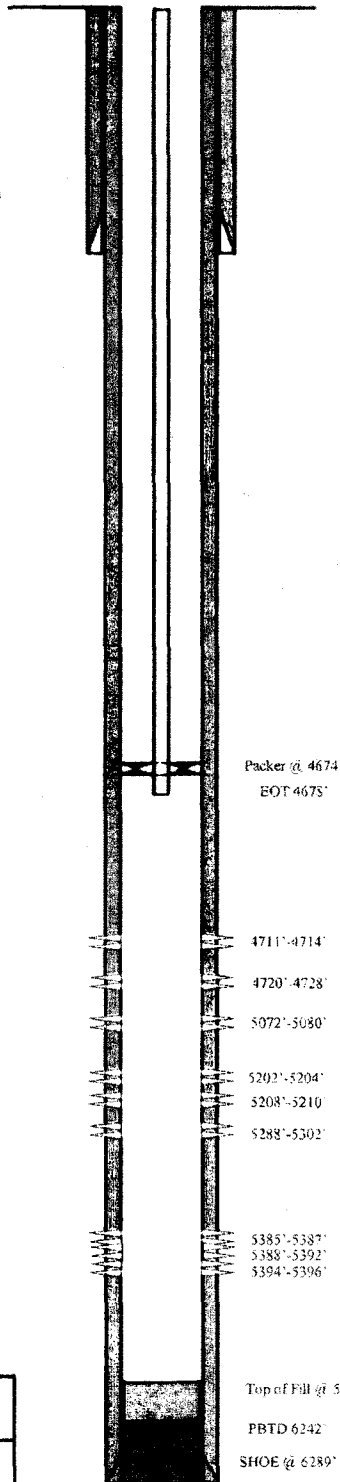
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 152 jts. (6294.61')  
DEPTH LANDED: 6288.61'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 330 sk Hyfill std mixed & 399 sxs Thixo mixed.  
CEMENT TOP AT: Surface (estimate from cbi)

## TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / M-50  
NO. OF JOINTS: 143 jts. (4656.56') 20 new joints  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4669.56' KB  
TOTAL STRING LENGTH: EOT @ 4678.06' W/ 13' KB

## Injection Wellbore Diagram



## FRAC JOB

7/25/96 5202'-5396' **Frac D1, D3 and C sands as follows:**  
135,400# 20/40 sd in 688 bbls of Boragel Breakdown @ 2900 psi. Treated @ avg rate of 36 bpm w/avg press of 1970 psi. ISIP: 2039 psi, 5-min 1980 psi. Flowback on 16/64" ck for 5 hrs & died. Calc. Flush: Actual Flush: 5081

7/29/96 5072'-5080' **Frac XY/DC sands as follows:**  
72,900# 20/40 sd in 401 bbls of Boragel Breakdown @ 2174 psi. Treated @ avg rate of 20 bpm w/avg press of 2450 psi. ISIP: 2536 psi, 5-min 2409 psi. Flowback on 16/64" ck for 4 hrs until dead. Calc. Flush: Actual Flush: 5027

7/31/96 4711'-4728' **Frac GB-6 sand as follows:**  
85,300# of 20/40 sd in 401 bbls of Boragel Breakdown @ 1510 psi. Treated @ avg rate of 20.5 bpm w/avg press of 2500 psi. ISIP: 4371 psi, 5-min 3010 psi. Flowback on 16/64" ck for 5-1/2 hrs until dead.

7/11/01 Pumpchange. Revised rod and tubing etals.  
1/29/02 Tubing leak. Revised rod and tubing details.  
01/29/03 Tubing Leak: Revised rod and tubing details.  
08/26/03 Tubing Leak: Revised rod and tubing details.  
11/07/07 Tubing Leak. Rod & Tubing detail updated.  
2/5/09 Well converted to an Injection Well.  
2/17/09 MIT completed and submitted.

## PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
7/24/96	5384'-5387'	2 JSPT	4 holes
7/24/96	5388'-5392'	2 JSPT	8 holes
7/24/96	5394'-5396'	2 JSPT	4 holes
7/24/96	5288'-5302'	4 JSPT	56 holes
7/24/96	5202'-5204'	2 JSPT	4 holes
7/24/96	5208'-5210'	2 JSPT	4 holes
7/27/96	5072'-5080'	4 JSPT	32 holes
7/30/96	4711'-4714'	4 JSPT	16 holes
7/30/96	4720'-4728'	4 JSPT	36 holes

## NEWFIELD

### Monument Butte Federal #14-24-8-16

660 FSL & 1980 FWL  
SESW Section 24-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31630; Lease #UTU-67170